Speculum Uranicum,

Anni æræ Christianæ. 1649.

OR, AN

Almanack and Prognostication

for the year of our Lord 1649.

Being the first from Bissextile or Leap-year, and from *the Creation of the World*, 5598.

Wherein is contained many useful, pleasant and necessary observations, and predictions, being very delectable; amongst the rest you may behold the state of the whole year, the Eclipses, great Conjunctions, and mutual Aspects of the Planets, being therein exactly described as also the rising, southing, and setting of the Moon, Planets, and fixed stars, the like not heretofore shewed by any other.

Calculated (according to Art) for the Meridian and latitude of the ancient Burrough Town of *Stamford* in *Lincolnshire*, whose Longitude is 20. degr. 10. min. latitude 52. degr. 41. min. and without sensible errour may serve the 3. Kingdoms, of England, Scotland, and Ireland.

By *Vincent Wing* Practitioner in the Mathematicks.

Dixit autem Deus: Fiant luminaria in firmamento cœli, & dividant diem ac noctem, & sint in signa & tempora & dies & annos, Gen. 1. 14.

LONDON
Printed by J. L. for the Company of Stationers. 1649.

Common notes observable for this present yeer 1649. according to

The Julian, English, or old account.		The Gregorian, Forraign, or new account.
16	The Golden number	16
6	The Cycle of the Sun	6
26	The Epact	16
G	The Dominical letter	C
2	The Roman Indiction	2
Five weeks six days.	From Christs birth to Shrove-Sunday.	Seven weeks two days.

Charles our Soveraign King did begin his raign over great Brittain the 27. of March, Anno Dom. 1625. and hath raigned 24. years compleat the 26. of March this year 1649. but the 27. is Initium anni 25. Regni.

Vivat Rex.

Memorandum, That upon the 3. of November 1640. this present Parliament began at Westminster, and hath continued 9. years compleat the 3. of November this year 1649.

Floreat Parliamentum

A Table to know when the Terms begin and end, and the number of their Returns, with the day of the moneth whereon they will be this present year 1649.

Hillary Terme begins the 13. of January, and ends the 12. of February and hath 4. Returns, viz.	Octab. Hillarii	January	20
	Quind. Hillarii.	January	27
	Craft. Purif.	February	3
	Octab. Purif.	February	10
Easter Terme begins the eleventh day of April, and ends the seventh of May, and hath five Returns, viz.	Quind. Paschæ.	April	8
	Tres Paschæ.	April	18
	Mense Paschæ.	April	23
	Quind. Paschæ.	April	30
	Craft. Ascens.	May	4
Trinity Terme begins the 15. of May, and ends the 13. of June and hath four Returns. viz.	Craft. Trinit.	May	21
	Octabis Trin.	May	28
	Quind. Trin.	June	4
	Tres Trin.	June	11
Michaelmas Terme begins October 23. and ends the 28 of November, and hath 6. Returns, viz.	Tres Michael.	October	21
	Mense Mich.	October	28
	Craft. Animar.	November	4
	Craft. Mart.	Novemb.	2
	Octab. Mart.	Novemb.	19
	Quind. Mart.	Novemb.	26

To the Reader.

Courteous Reader and friendly, I have now once again adventured to offer this unpolisht piece to publique view, advising thee to make use thereof, and not rashly to censure, or misconstrue the Authours reall intentions towards thee, before thou hast judiciously observed how it doth cohere and agree with truth. It may be some may dislike, because they understand not, others may censure for lack of charity, and some (like errant Planets in the Zodiaque of their own opinions) may viper-like contemne it, because it fits not their pallate; but none of these do I regard, its only to the judicious I appeal, for whose sake its full adventure to mount my naked fancie upon the worlds theater, there to be ballanced in the Scales of Equity, and poized upon the beames of thy charity; thus finding shelter under the wings of thy countenance, and protection from the fury of the envious, it may display forth its beames to all parts of the Kingdome, and may extend to the highest Cedar, as well as to the lowest Shrub. Instruct it may the ignorant (inform their understanding, and reform their judgements;) direct it may the learned, repel it may the envious, yea, rejoice it will the scrupulous, and totally dissipate the fogges of errour, and break the chaines of ignorance.

But I again return to thee (Courteous Reader) who desirest no aversion of the Method, nor dissipation of the matter, but endeavourest to get benefit by reading, profit by embracing, and contentment by practising; and to such do I commend the placid fruit of this my ninth yeares labour; a piece small in magnitude, but large in matter, and easie for thy understanding, yea so useful, so pleasant and necessary are the Calculations, (be it spoken without the least spark of ostentation) that it need not be ashamed to appear abroad, not only to the vulgar, whose understandings are wraps up in obscurity, but may unmask and shew its face in the Sun-shine, amongst the best Proficients, there to abide the touch of their candide censure and loving approbation. In a word, if any thing be amiss, I desire thee to correct it, if well, to defend it: however to accept it and use it, and in so doing thou shalt incourage me still to continue my annual labour, and maiest expect me again upon the stage the next year, in the interim (commending this to thy friendly censure.) I rest

Thine

Vin: Wing.

Go forth my Book Great Britain for to view,
Be not asham'd thy face all men to shew;
Bid Momus, Zoylus, (the two carping gods)
Thee not to bite, lest they be lasht with rodds.

Inform the mild, reform the ignorant,
Instruct all those, that yet such lines do want.
Shake off the viper of ingratitude,
And dissipate the errours of the rude.
The Sun, Moon, Stars, Gods glittering lights (thy guide)
Which in the Heavens, both day and night, do glide:
Their rising, setting, culminations all,
Are all the year long noted as they fall:
Their errant motions, and their grand Aspects,
Are here inserted, with their direct effects.
The strange eclipses to be seen this year,
Be all described, as they will appear.
Consider then, and herein you shall see
Gods wondrous works, observed fit to be:
Forget them not; prepare against his day,
Calling thy loathsome, ugly sins away.

The motion of the Planets Jan. 1. 1648.

The Moon, according to the Rudolphine tables of Io. Kepler, and observations of Tycho Brahe, applyed to the meridian of Stamford,

	Sig.	Deg.	l.	ll.
The Precession of the Æquinoctial	0.	23.	17.	41
The meane longitude of Sol from the Æquinoct.	9.	21.	19.	2
The Apogæum of the Sun	3.	6.	33.	25
The meane longitude of the Moon	8.	29.	2.	27
The Apogæum of the Moon.	0.	22.	57.	2
The North Node of the Moon	4.	12.	15.	3
The meane longitude of Saturn	2.	15.	43.	13
The Aphelium of Saturn	8.	2.	58.	8
The North Node of Saturn	3.	21.	57.	8
The meane Longitude of Iupiter	5.	28.	10.	24
The Aphelium of Iupiter	6.	7.	9.	36
The North Node of Iupiter	3.	5.	28.	47
The meane Longitude of Mars	4.	15.	15.	57
The Aphelium of Mars	4.	29.	53.	29
The North Node of Mars	1.	17.	16.	20
The meane motion of the Longitude of Venus	0.	1.	45.	2
The Aphelium of Venus	10.	2.	16.	48
The North Node of Venus	2.	13.	28.	21
The meane motion of the Longitude of Mercury	5.	24.	37.	51
The Aphelium of Mercury	8.	14.	13.	40
The North Node of Mercury	1.	13.	33.	34

extant, as shew how to calculate the unequal and daily motions of the Planets and fixed Stars, with the Eclipses of the Sun and Moon, for any time past, present, or to come.

C. L. Ptolemeus.	*Almagestum, vel opus magnum, Venetiis* 1515.
Ioannes Stoeffler.	*Tabulæ Astronomicæ, Tubingæ* 1514.
Georgius Peurbachius.	*Tabulæ Eclipsium, Viennæ* 1514.
Ioan. Blauchin. & N. Prug.	*Luminarium atque Planetarum motuum tabulæ octogintæ quinque, Basiliæ* 1553.
Io. Ante. Maginus	*Tabulæ Secundarum Mobilium Cœlestium; Venetiis* 1585.
Franciscus Iunctinus	*Tabulæ Resolutæ Astronomicæ de Supputandis siderum motibus; Lugduni.* 1573.
Erasmus Reinholdus	*Tabulæ Prutenicæ.*
Paulus Gallucius.	*Speculum Uranicum, Venetiis.* 1593.
Nichol. Copernicus.	*De Revolutionibus orbium Cœlestium Norimbergæ.* 1543.
Laurentius Fichstadius	*Tabulæ Harmonicæ Cœlestium motuum, tum primorum, tum secundorum, Sterini,* 1644.
Ioannes Virdungus	*Tabulæ Resolutæ, de Supputandis Siderum motibus; Norimbergæ* 1542.
Orontius P. D.	*In proprium Planetarum Æquatorium, Parisii* 1538.
Phil. Lansbergius	*Tabulæ motuum Cœlestium perpetuæ, Middelburgi,* 1632.
Rex Alphonsus.	*Tabulæ motuum Cœlestium.*
Ioannes Keplerus.	*Tabulæ Rudolphinæ, anno* 1627.
Tycho Brahæus.	*Astronomicæ Progymnasmata, anno* 1610.
Natalis Durret	*Supplementum Tabularum Richelianarum Londini* 1647.
S. Longomontanus.	*Astronomia Danica, Amsterodami* 1622.
Argreas Argolus.	*Secundorum Mobilium Tabulæ, Patavii,* 1634.
P. Lansbergius.	*Progymnasmatum Astronomiæ restitutæ, Middelburgi* 1628.

There are many other authours (I have) treating of the practique part of Astronomy, which I cannot here enumerate; these few only I thought good here to insert, to the end, that those who are studious this way, may acquaint themselves therewith; amongst the rest, Tycho, Kepler, Fichstade, Argol, Durrer, Longomont, and Lansberge, are the most accurate, agreeing best with the Heavens.

A Table shewing the true hour and minute of the Moons comming to the South, the first 6. moneths of this year 1649 being very excellent to find the time of full sea, the hour of the night, and the like; the letter A. stands for afternoon, and mor. for morning, but if you find no letter, then it is alwayes the same with the letter next preceding.

Days	January. hou. min.	February hou. min.	March. hou. min.	April. ho. min.	May ho. min.	June. ho. min.
1	10 m. 28	11 m. 5	10 m. 41	11 m. 40	11 A 54	1 A 1
2	11 30	11 48	11 25	12 21	0 39	1 54
3	12 26	1 A 24	12 6	1 4	1 27	2 46
4	1 A 18	2 6	0 A 50	1 48	2 17	3 36
5	2 6	2 47	1 33	2 37	3 8	4 25
6	2 51	3 30	2 14	3 26	3 59	5 13
7	3 35	4 13	2 59	4 16	4 50	6 0
8	4 16	4 56	3 45	5 8	5 40	6 49
9	4 57	5 41	4 33	5 59	6 30	7 41
10	5 39	6 29	5 21	6 52	7 20	8 34
11	6 21	7 22	6 11	7 44	8 11	9 28
12	7 6	8 14	7 5	8 35	9 1	10 27
13	7 51	9 9	7 58	9 25	9 54	11 29
14	8 42	10 3	8 52	10 17	10 51	12 33
15	9 34	10 59	9 47	11 12	11 50	mo. 33
16	10 29	11 54	10 41	12 10	12 50	1 34
17	11 23	12 48	11 44	mor. 10	mor. 50	2 27
18	12 19	mor. 48	12 28	1 13	2 0	3 17
19	mor. 19	1 44	mo. 28	2 15	3 1	4 6
20	1 14	2 34	1 24	3 14	3 55	4 49
21	2 8	3 29	2 2	4 14	4 46	5 31
22	2 59	4 26	3 22	5 11	5 33	6 12
23	3 49	5 24	4 22	6 3	6 17	6 54
24	4 41	6 22	5 20	6 51	6 59	7 38
25	5 34	7 17	6 16	7 37	7 39	8 23
26	6 28	8 11	7 9	8 19	8 21	9 11
27	7 24	9 4	8 0	9 1	9 3	9 59
28	8 22	9 54	8 47	9 44	9 48	10 50
29	9 18		9 32	10 25	10 34	11 42
30	10 12		10 15	11 1	11 22	12 34
31	11 4		10 57		12 11	

The Residue of the former table shewing the true hour and minute of the Moons coming to the South, the latter six moneths of this year 1649. being very excellent to find the time of full Sea, the hour of the night, and the like: the letter A. stands for afternoon, and mor. for morning, but where there is no letter, then it is alwayes the same with the letter next preceding.

Days	July. hou. min.	August. hou. min.	Septem. hou. min.	Octob. ho. min.	Novem. ho. min.	Decem. ho. min.
1	1 A 27	2 A 39	4 A 11	5 A 9	6 43	6 45
2	2 15	3 30	5 8	6 7	7 31	7 28
3	3 5	4 21	6 7	7 28	8 15	8 10
4	3 54	5 13	7 6	7 54	8 57	8 52
5	4 42	5 8	8 4	8 44	9 40	9 34
6	5 31	7 5	8 58	9 30	10 22	10 20
7	6 21	8 4	9 51	10 14	11 4	11 5
8	7 16	9 3	10 38	10 57	11 47	11 54
9	8 12	10 1	11 24	11 40	12 35	12 45
10	9 13	10 56	12 8	12 22	mo. 35	mo. 45
11	10 13	11 47	mo. 8	mo. 22	1 24	1 35
12	11 13	12 34	0 51	1 5	2 13	2 24
13	12 10	mo. 34	1 33	1 52	3 2	3 12
14	mo. 10	1 18	2 16	2 40	3 50	3 58
15	1 4	2 3	3 3	3 28	4 39	4 45
16	1 52	2 46	3 49	4 18	5 26	5 31
17	2 37	3 29	4 38	5 8	6 14	6 18
18	3 23	4 14	5 25	5 57	7 0	7 9
19	4 4	4 59	6 18	6 47	7 49	8 1
20	4 47	5 46	7 11	7 36	8 40	8 58
21	5 30	6 36	8 1	8 25	9 32	9 58
22	6 14	7 26	8 52	9 16	10 28	10 59
23	7 0	8 18	9 45	10 6	11 29	12 2
24	7 49	9 13	10 34	10 59	12 31	1 A 3
25	8 40	10 3	11 25	11 55	1 A 34	2 0
26	9 31	10 56	12 16	12 55	2 36	2 53
27	10 24	11 47	1 A 11	1 A 56	3 34	3 41
28	11 17	12 38	2 9	2 59	4 28	4 27
29	12 8	1 A 30	3 8	4 0	5 17	5 10
30	1 0	2 22	4 8	4 59	6 3	5 54
31	1 50	3 14 A 4	5 45		6	6 36

New moon the 2. day 14. min. past 11. at night.
First quarter the 10. day, 7. min. past 8. at night.
Full moon the 18. day, 22. min. past 1. afternoon.
Last quarter the 25. day, 31. min. past 8. before noon.

M. D.	W.	Holy and festival dayes.	Moons Signs	The planets mutual aspects, and declinations of the ayre, &c.
1	a	New years day	Capr. 3	☿ Long. dist a ☉ Cold and
2	b	Sun set 3. 55.	17	Frost-like.
3	c	Enoch	Aqua. 0	Saturn South 8. 49. p.
4	d	Mathus	13	☿ sets 6. 3'. p.
5	e	Simeon	26	Cloudy, if not rain.
6	f	Twelfe day	Pisc. 9	The 6. & 7. dayes inclining to
7	g	Sun set 4. 1.	21	S ☉ ☿ rain, snow, or sleet.
8	a	Severine B.	Aries 3	The 10, 11, 13 & 14 dayes cold
9	b	☉ in ♒.	15	☽ Apog. winds, & winter like
10	c	Gordian.	27	☐ ♅ ☍ 3. p. Uc ♄ ☿ weather.
11	d	Atlas	Taur. 9	Bq ♃ ☿. 7. ✳ rise 10. 28. a.
12	e	Sun set 4. 9.	21	All the plotters and contrivers
13	f	Hilarie	Gem. 3	of our late troubles, will in fine
14	g	Felix	15	Bq ♃ ☿ have according to their
15	a	Maure	28	deserts: Harme
16	b	Marcel.	Can. 11	▽ ☿ ♀ ☌ ♇ ☐ ♄ 10p. Uc ♃ Chatch, harm
17	c	Sun set 4. 17.	24	Snow is presaged. catch.
18	d	Prisca	Leo 8	△ ♄ ♃ plat: △ ☉ ☽ : △ ♄ ♃
19	e	Pontian	22	Durabunt adhuc lites & agent
20	f	Sebastian	Vir. 6	quidam subdole & fraudulenter
21	g	Septuagesima	21	☿ ☌ ☿ p. inter e clandestinis & occultis consiliis utentis.
22	a	Sun set 4. 26.	Libr. 5	
23	b	Terme begins	19	☽ perig. Td ☿ ☿ Uc ☉ ☍
24	c	Timothy	Scorp. 4	About the 21. day expect
25	d	Conver: Paul	18	snow or rain, afterwards more
26	e	Polycarp	Sagit. 2	mild.
27	f	Sun set 4. 35.	15	The 27. and 28. cold and
28	g	Sexagesima	29	cloudy.
29	a	Theodore	Cap. 12	Bq ♂ ☿ 7. ✳. South 6. 0. p.
30	b	Basil	26	△ ♄ ☿ 8. p. △ ♃ ☿ 0. 0.
31	c	Victor	Pisc. 9	☌ ♄ ☿. Variable.

The first day Mercury, 2. a.
The 5. day Venus (the evening ✶)
The 14. day Saturn, 1. a.
The 21. day Mars, 1. a.
The 22. day Jupiter, 7. p.
The last day Mercury, 1. p.
} is with the Moon.

D.	ho.	min.	Full Sea at London-Bridg.	D.	ho.	min.
1	6	10		1	1	A 26
2				2	2	33
3				3	3	36
4	5	29		4	4	38
5	6	45		5	5	6
6	7	58		6	5	53
7	9	11		7	6	35
8	10	22		8	7	16
9	11	31		9	7	57
10	12	41		10	8	39
11	mor.	48		11	9	21
12	1	53		12	10	6
13	2	56		13	10	53
14	3	56		14	11	42
15	4	54		15	A	34
16	5	48		16	mor.	34
17	6	39		17	1	39
18	7	27		18	2	51
19	8	14		19	4	12
20	9	0		20	5	34
21	9	48		21	6	59
22	10	38		22	8	24
23	11	29		23	9	49
24	12	22		24	11	14
25	mor.	16		25	12	38
26	2	0		26	1	58
27	3	44		27	3	15
28	4	41		28	4	29
29	5	39		29	5	40
30	6	34		30	6	48
31	7	28		31	7	54

New ☽ Day 8. hour. Morns 11 min. Full ☽ Day 9. hour. Morns 11 min.

Aquar. ☿ Long. ☽ ☉ ☌ ☽ ☍ ♄ ☽ ☌ ♃ ☽ ☌ ♂ ☽ ☌ ☿ ☽ ☌ ♀ ☽ ☌ ☉ ☽ ☌

February hath xxviij. dayes.

New moon the first day, 27. min. past 2 afternoon. A☌ ☽ 23.
First quarter the 9. day, 48. min. past 4. afternoon. A☐ ☾ 19.
Full moon the 17. day, 21. min. past 1. in the mor. A☍ ☉ 28.
Last quarter the 23. day, 13. min. past 5. afternoon. A☐ ♍ 12.

Nu	Ch	Holy and festual days with Sun sett.	Moon's signe	The planets mutual aspects & combination of the ayre. &c.
1	D	Sun set 4.45.	Aqu. 22	VC ☌ ☿. variable. London
2	E	Purif. Mary.	Pisc. 4	7 ✶ South 5.45.p. be wise, else
3	F	Blase	17	Evening star sets 8.12.p
4	G	Quinquagesi.	29	♄ Sets 2.9.a. miserable art
5	A	Agathe	Aries 11	☽ Apog. Temperate. thou.
6	b	Sun set 4.55.	23	Shrovetuesday. Id ♄ ☿.
7	c	Augustine	Taur. 5	Indifferent warm.
8	D	Paul Bish.	17	☐ ♄ ☌ 11.p. Snow-like.
9	E	Appollon.	29	☌ ♃ ☿ 0.0. Vc ☌ ☿. Bq ☉ ♃
10	F	Scholast.	Gem. 11	☌ ♂ ☿ 3.p. ✶ ♄ ☿ 3.p.
11	G	Quadragesima	23	Some mischievous designs on
12	A	Sun set 5.7.	Can. 5	☊☋ ♃ ☌. Bq ♃ ☿. foot. ☾
13	b	Woltran	18	Bq ☌ ☿. the cruelty of bl[oo]d-
14	c	Valentine	Leo. 2	thirsty men. The 15. 16. 17 & 18
15	D	Faustine.	16	☌ ☉ ☿ 2 a: ☌ ☌ ☿ ?.pf new
16	E	Julian Virg.	Virg 0	☌ ☉ ☿ 10. Evening ✶ set 9.52
17	F	Sun set 5.17.	15	☐ ♄ ☿ ?. a: ☐ ☿ ♄ 6.p.
18	G	Sun in lent	Libr. 0	7. ✶ South 4.4? .p.
19	A	Sab: and Ju:	15	☽ Perig. raign snow or fleet.
20	b	Bildred	Scor. 0	Much quarrelling and debate
21	c	9. Martyr	14	about preceding dammages.
22	D	Sun set 5. 27	28	*tinera quoq; ob latronum py-*
23	E	Polycarpe.	Sag. 12	*ratarumq; insidias reddet*
24	F	Matthias Ap.	26	*non tuta.* The Scot encroacheth.
25	G	2. Sund: in lent	Cap. 5	Cor ♈ south, 10. 34.p. Cleer
26	A	Nestor	21	☊☋ ☿ ☿ ♀ ♄ ☿. and frosty.
27	b	Sun set 5.38	Aqu. 5	Evening ✶ Sets 7.?.p.
28	c	Roman.	18	Vc ☌ ☿. The Scot is angry

The 4. day Venus (the evening ☌)
The 9. day Saturne, 13. p.
The 16. day Mars. 9. p.
The 18. day Iupiter, 1. p. } is with the Moon
The 8. day the 7. ſtars 15.
The 19. day the Virgins ſpike.
The 23. Cor ♏ 0. 0. 2.

D	ho. min.		Full ſes at London-Bridge.	D.	ho. m.
1	New ☾			1	2 53
2	5 0 34			2	3 40
3	6			3	4 24
4	8			4	5 8
5	9			5	5 47
6	10 23			6	6 30
7	11			7	7
8	12 46	Moonſetting	Day 10. hour.	7	56
9	mor. 46			8	42
10	1			9	29
11	3			10	21
12	4			11	14
13	5			12	9
14	5 49			13	mo. 9
15	6			14	1 3
16	6 49			15	1 59
17	Full ☾			16	2 54
18	7 A 25			17	3 48
19	8 45			18	4 41
20	10 16			19	5 34
21	11 48	Moonſetting		20	6 29
22	13 17			21	7 26
	morn		Day 11. hour.	22	8 24
23	1 17			23	9 12
24	2 38			24	10 17
25	3 44			25	11 11
26	4 37			26	12 4
27	5 17			27	12 54
28	5 45			28	

New moon the 3. day, 47 min. past 6. in the mor. ☌ ☽ ♈ 14
First quarter the 11. day, 33. min. past 11. before noone. ☍ ☽ ♎ 21
Full moon the 18. day, 57. min. past 10. before noon. ☌ ☽ ♎ 28
Last quarter on Easter day, 56. min past 2. in the mor. ☌ ☽ ♉ 25

D.M.	D.W.	Holy and festival days with Sun set.	Moones Signe	The Planets mutuall aspects and inclination of the ayre &c.
1	D	Sun set 5.42.	Pisc. 1	☌ ☿ ♀ 11.a. Anglia ; te pro-
2	E	hod	13	☍ ♂ 6.p. dit tua gens.
3	F	Martin.	25	Bb ♂ ♀. Great winds about
4	G	Sun in Lent	Arie. 8	Vc ♃ ♀. these days.
5	A	Eusebius	20	☽ apog. ✶ ♄ ☿ 6.a. variable
6	B	Sun set 5.53.	Taur. 1	The vicious covetous man, like
7	C	Perpetua	13	the earth-bred mole, still gree-
8	D	Felix	25	☌☌ ♄ ♀ : ☐ ☉ ♄. dily covets
9	E	Prudent.	Gem. 7	Vc ☉ ♂ ; Bq ♂ ♀ : Td ♂ ♀
10	F	Micheas	19	after his Mammon, riches ; as
11	G	Sun in Lent.	Canc. 1	though that were his Summum
12	A	Sun set 6.5.	14	bonum. Serene gusts of
13	B	Theodore	27	☿ Elong. Max. : a ☉. winde
14	C	Candidus	Leo 10	☍ ☉ ♃ 3.p. Bq ☉ ♂.
15	D	Longinus	24	♃ Occid. ; ♃ South 11.57.p.
16	E	Cyriacus	Virg. 8	Great likelihood that some
17	F	Sun set 6.15.	23	great ones may now be
18	G	Palm-sunday	Libr. 8	questioned.
19	A	Joseph	24	☽ Perig. ♄ sets 12.6.p.
20	B	Cuthbert	Scorp. 9	✶ ☉ ♄ 12.p. Some thing cold
21	C	Benedict	24	☿ Sthtion. in △ ♂ fere.
22	D	Sun set 6.25.	Sagit. 8	☌ ♃ ☿ 7. ✶ set 11.2. p.
23	E	Gostrid	22	☍ ♂ ☿ 7.p. Storms of rain.
24	F	Good Friday. fast	Cap. 6	Pluviæ multæ erunt.
25	G	Easter day.	19	☽ Occidat. Many
26	A	Castor	Aqua. 2	Evening Star sets 11.5.p. Some winds
27	B	Sun set 6.36.	15	In it, R. Caroli.
28	C	Dorothy	2	△ ♃ ☿ 4. p. temperate.
29	D	Quintine	Pisc. 10	erit hoc tempus solito humi-
30	E	Gurdo	20	dior. Great winds about
31	F	Balthus	Aries 4	☌☌ ☿ 9.a. the moneths end.

The 4. day, Mercury 2. p.
The 6. day, Venus. 13.
The 9. day, Saturn 7. p.
The 15. day, Iupiter 6. p. } is with the Moon.
The 18. day, Iupiter 4. a.
The 8. day the 7. ✱.
The 15. Cro ☊ 010.
he 10. Spic. ♍

Full sea at London-Bridge. D. H. m.

| D. | no. | min. | | |

New moon the 1. day, 10. min. past 11. a clock at night. ☌ ♈ 11.
First quarter the 10. day, 3. min. past one in the mor. ☌ ♉ 18.
Full moon the 16. day, 10. min. past 7. at night. Ascend. ♏ 3.
Last quarter the 23. day. 1. min. past 2. afternoon. ☌ ♌ 10.

M.W. D.D.	Holy and festival daies with Sun set.	Moon's Signs.	The planets aspect. April 1. and inclination of the ayre, &c.
1	Low-Sunday.	Aries 16	Evening star sets 11.24.p.
2	Sun set 6.48	28	☾ Apog: good spring weather
3	Richard	Taur. 10	Many new-fangled conceits &
4	Ambrose	22	whimsies shall arise amongst
5	Vincent	Gem. 4	the Sectaries of this age.
6	Egesippus	16	Cold rain about the 7. &8.
7	Sun set 6.58	28	Caput cete occidit V: daies.
8	Perpetuus	Canc. 10	☌ ☿ ☌ ♀ p. △ ☉ ☍ ♂ 11. a Td ♃ ☍ ☿
9	7. Virgins	23	*Pluviæ multæ cadunt*
10	Leo	Leo 6	✶ ☿ ☿ 10 p. ☌ ☍ ☿ haile storms
11	Julius	19	Vc ☉ ♃. Temperate.
12	Osmold	Virg. 3	Verme begins. Rain like.
13	Zeno.	17	*Fac aliis, quod vis tibi.*
14	Sun set 7.11.	Libr. 2	♄ Sets 10.49 p. Is the
15	3 Sun rif. East.	17	☿ Dir. in ✶ ♄ fere. Seot ho.
16	Isidore	Scorp. 2	Overcast. nourable?
17	Colmie	17	☽ Perig. ☐ ☉ ♃. Good weath.
18	Quintine	Sagit 2	♃ South 9.42 ☽. A plundring
19	Sun set 7.20.	17	☿ E long. Max: 2 ☉. time.
20	Victor	Cap. 1	Evening star sets 11.37.p.
21	Simeon	15	Overcast and cloudy.
22	4. Sun. rif: East.	29	News welcome and pleasing.
23	S. George.	Aqu. 12	Td ☉ ♂. *Lucida hinc, Austri*
24	Sun set 7. 30.	25	*Aeræ temperies grata mane*
25	Marke	Pisc. 7	☐ ♓ ☿ ☽ *Occidit cum* 12. ☿.
26	Cleto	19	SS ☉ ♄. ♂. Temperate.
27	Anastasius.	Aries 1	✶ ♂ ♀ 10.2. Some haile.
28	Vitalis	13	☌ ♀ ☿ fere. storms. 21. South ☽
29	5. Sun rif: East.	25	☿ Long. dist. à ☉. Variable. 6. p
30	Sun set. 7. 39.	Tau. 7	☾ Apog. Warme.

The 1. day Mercury 7. p.
The 6. day Saturne and Venus
The 12. day Mars 3. a.
The 14. day Iupiter. 10. a.
The 4. day the 7. ſtars 5. p.
The 11. Cor Leonis. 9. p.
The 15. Spica Virginis
} is with the Moon.

♄ & the Evening ✶ are together the 7 day. ☿ 4. 40. ☌ ♄

D.	ho.	min.				Full ſea at London Bridge. D.	ho.	m.
1			Full ☾					
2	7	A	34					
3			35					
4			48					
5								
6	12		11					
7	mor.		11					
8			11					
9	2		0					
10			39					
11	3		11					
12	3		36					
13	3		53					
14	4							
15	4		24					
16	New ☾							
17		A	49					
18	10		45					
19	11		38					
20	12		45					
21	mor.		45					
22			36					
23	1		22					
24	1		36					
25	2		55					
26	3		8					
27	3		21					
28	3		35					
29	4		48					
30	4		1					

Moons ſetting.

Day 14. hour.

Moons ſetting.

Day 15. hour.

♂ ☌ ♄

New moon the 1. day, 53 min. past 3. in the afternoon. Asc. ♓ 12
First quarter the 9 day, 44. min. past 11. before noon. Asc. ♌ 4
Full moon totally Eclipsed the 16. day, 34. min. past 2. morn. Asc. ♒ 0
Last quarter the 23. day, 43. min. past 2. in the morning. Asc. ♑ 16
New moon the 31 day, 1. m. past 7 in the morning, a little Eclipsed

D.	N.	Holy and festival days with Sun sets.	Moons Signs	The Planets mutual Aspects, and inclination of the Ayr, &c.
1	b	Phil. and Jacob	Tau. 19	♀ sets 11. 0. p. Ram.
2	c	Sun set 7. 43.	Gem. 1	☿ sets 2. 49. a. Warm.
3	d	Ascens. Dom.	13	Overcast and clou'y.
4	e	Florianus	25	Ue ☿ ♀. Gentle winds.
5	f	Gothard	Can. 7	Plurimæ oriuntur rixæ inter
6	g	3. Sun. aft. East	20	homines, causâ rerum præte-
7	a	Terme ends.	Leo 2	ritarum, quas deus sua be-
8	b	Sun set 7. 52.	15	nignitate à nobis avertat.
9	c	Hermus	28	Bq ☿ ♀. Clear windy weather
10	d	Gordian	Virg. 12	△ ☉ ☿ 7. a. △ ♂ ♀ 7. a. the 9.
11	e	Christian.	26	Evening star sets 11. 48. p. 10,
12	f	un set 7. 57.	Libr. 11	☿ sets 2. 9. a. 11, days.
13	g	Whitsunday	25	Warm cloudy weather about
14	a	Isidor Mar.	Scor. 10	☾ Pergi. the 22. day, Mira
15	b	Isidore.	25	cœli serenitas nullis ven. Sp.
16	c	Peregrine	Sag. 10	Eclip. ☾ totaly apud nos
17	d	Sun set 8. 4.	25	In ☾ gr ☥. quæ, ultra latroci-
18	e	Penent	Cap. 10	nia, & rapinas, obitum etiam
19	f	Dunstan	24	Td ♂ ♀ cujusdam magnatis
20	g	Trinity-Sund.	Aqu. 7	minatur. Dishonest practises
21	a	Julian vir.	21	6. p Td ☉ ☿ commit-
22	b	Sun set. 8. 9.	Pisc. 4	□ ☉ ☿ 2 p. ted by factious
23	c	Augustine	16	♌ ☍ ☽ Ægrotationes etiam
24	d	Adelme	28	Sævissimæ, & pestiferæ insur-
25	e	Terme begins	Aries 10	gent à prava aëris dispositione
26	f	Sun set 8. 12.	22	provenientes. Cold winds &
27	g	1. Sun. aft. Trin	Tau. 4	rain the 26 & 30. 31. days.
28	a	Corons M.	16	Td ☿ ♀.
29	b	Felix B.	28	☾ Apog. Beati misericordes.
30	c	Wigand.	Gem. 1	☊ ☌ ☽ 16.
31	d	Sun set 8. 17.	11	☿ ☍ ♃ 5. p. Eclipsis ☉ parva
				☉ ☍ ♄ 6. p. apud nos.

The 3. day, Saturn 6. p.
The 5. Venus (the evening ✶)
The 9. day, Mars. 13. p.
The 11. day, Iupiter, 4. p. } is with the Moon.
The 30. Mercury, 10. p.
The 8. day, the Lyons heart
The 12. day Spica ♍ 12. p.
The 16. day, Cor ♍ 2. 0.

D.	ho.	min.			D.	ho.	min.
1	New ☾				1	2	14
2	8 A	57			2	3	19
3	10	7			3	4	17
4	11	10			4	5	17
5	12	3			5	6	8
6	mo.	3			6	6	59
7	0	44		☽ ☌ ♀	7	7	50
8	1	18			8	8	40
9	1	42			9	9	30
10	2	2			10	10	20
11	2	19			11	11	11
12	2	35			12	12	2
13	2	50			13	mo.	0
14	3	7	Day 16. hour.		14	0	52
15	3	28			15	1	52
16	Full ☾		totally eclipsed, to be seen in Eng-		16	2	50
17	10 A	30	land.		17	3	50
18	11	30			18	5	0
19	12	12			19	6	8
20	mo.	12			20	6	51
21	0	40			21	7	46
22	1	1			22	8	33
23	1	16			23	9	17
24	1	28			24	9	58
25	1	41			25	10	39
26	1	55			26	11	21
27	2	6			27	12	3
28	2	22		☽ ☌ ♂	28	12	48
29	2	45		☽ ☌ ♄ ☽ ☌ ☉	29	1 A	34
30	3	5			30	2	23
31	New ☾				31	3	11

Full sea at London-bridge.

A little eclipse of the Sun, to be seen in England

First quarter the 7.day, 51.min.past 6. afternoon. Alcend. ♐ 9
Full moon the 14.day, 37.min. past 10.before noon. Al. ♑ 17
Last quarter the 21.day, 9. min past 6. afternoon. Asc. ♐ 12
New moon the 29.day, 2 . min. past 8. at night. Asc. ♍ 27

D.M.	Dom.	Holy and festival days with Sun set.	Moons Sign.	The Planets mutual Aspects and inclinations of the ayre, &c.
1	♇	Sun set 8.17.	Can. 4	☌ Orient. Circa principium hu-
2	☾	Marcelline	16	♂☍♄☌♀ 5. ajus menſis Ventus
3	☉	2.Sun.aft.Trin.	29	♂☽ 1.2 SS☌♀.impetuoſus
4	♂	Petrocie	Leo 12	SS ☉☍♀ : ♀ ſtat in SS △,turbi-
5	☿	Boniface	26	dus,& nebuloſus apparet.
6	♃	Sun ſet 8.19.	Virg. 9	□♅☌♀ 31 More winds.
7	♀	Wolſtane	22	♅ ſets 12.22.p.
8	♄	Bedard	Libr. 6	Hic dies eſt criticus: nam pluvio-
9	♅	Edmond	20	ſus pluviam, ſerenus ſerenam
10	♆	3. Sun.aft.Trin.	Scor. 5	☌♂☌♀. meſſem pollicetur.
11	♂	Sun ſet 8.20.	19	□☉♅ 4.1 ☽ Perig. Thunder
12	☿	Baſil.	Sagit. 4	Pericula in itineribus oſtendit
13	♃	Terme ends	19	□♄♐ 2.a. Cæli ſitus, ac lio-
14	♀	Valerius	Cap. 3	✶♂☍♀ 8.a. SS♄☌♀. terarum in-
15	♄	Vitus	18	☌♅☌♀. terceptionem minatur
16	♅	Sun ſet 8.19.	Aqu. 2	♂☌☌♀ 6.p SS ☌♀. idque à Mar-
17	☉	4.Sun.aft.Trin.	15	tialibus. Winds and clouds
18	♂	Mark.	29	✶♂☌♀ 2.p. : the 13.14.15.&
19	☿	Nat.Reg.Iac.	Piſc. 12	16.days, if no thunder.
20	♃	Silverius	24	Nothing venture, nothing have
21	♀	Sun ſet 8.18.	Arie. 6	♃ ſets 11.26.p. Orion exori-
22	♂	Alban Mart.	18	✶♅☌♀ 0.p. tur, & favoni-
23	♅	Etheldred	Taur. 0	♐ ſets 11.7.p. us ſpirat.
24	☾	John Baptiſt.	12	☽ Apog. Raine and thunder.
25	☊	Tranſ of C.	25	☍♂☌♀.about the 26.& 37.days
26	☿	Sun ſet 8.14.	Gem. 6	Humida, dubia, & obſcura aeris
27	♃	7. Sleepers	18	☌☉☌♀ 1.a. conſtitutio.
28	♀	Leo Biſh.	Can. 0	Better hopes then formerly.
29	♄	Peter Apoſtle	13	♐ ſets 10.48.p. Raine like
30	♅	Sun ſet 8.10.	26	SS ☌♀. Indifferent.

The 2. day, the evening ſtar
The 7. day, Iupiter and Mars.
The 27. day, Saturn 10. p.
The 29. day, Venus 1 p.
The 4. day Cor Leonis. 2 2.
The 9. day, Ariſta. 2. p.
The 12. day Antares 2. p.
The 25. the 7. ſtars 1. p.
} is with the Moon.

Venus after the 26. day, begining to be a morning-Star.

D.	hou.	min.		*Full ſea at London-bridg.* I		hou.	min.
1	9	A 57			2	4	A 1
2	10	45			34	4	54
3	11	20			5	5	46
4	11	47			6	6	35
5	12	7			7	7	25
6	mor.	7	Moons ſetting.		8	8	13
7	0	24			9	9	0
8	0	38			9	9	49
9	0	51			10	10	41
10	1	9			11	11	34
11	1	27		Longeſt day, 16. ho. 40. m. ☐ ♄ ☌	12	12	28
12	1	48			13	mor.	18
13	2	18			14	1	27
14	Full	☾			15	2	29
15	9	A 39		☌ ☿	16	3	31
16	10	34			17	4	34
17	10	57			18	5	27
18	11	18	Moons riſing.		19	6	17
19	11	31			20	7	6
20	11	43			21	7	49
21	11	55			22	8	31
22	12	0			23	9	12
23	mor.	8			24	9	54
24	0	24			25	10	38
25	0	42		☌ ☿	26	11	23
26	1	3			27	12	11
27	1	28			28	0 A	59
28	2	1			29	1	50
29	New	☽			30	2	42
30	9	A 14				3	34

July hath xxxi. daves.

First quarter the 7.day, 39.min. before 1. in the mor. ☌ ♊ 3
Full moon the 13.day, 33. min. past 7. afternoon. ☍ ♑ 4
Last quarter the 21.day, 17. min. past 11. before noon. ☌ ♎ 20
New moon the 29.day, 1. min. past 8. before noon. ☌ ♋ 21

D.	W.		Holy and Festival days with Sun set.	Moons Sign.	The Planets mutual Aspects, and inclination of the ayre, &c.
1	G	6	Sund. aft. Tri.	Leo 9	☽☉☌. Lets have no jugling
2	A		Sun set. 8. 8.	22	☽☉♃. Very hot weather.
3	b		Cornelius	Virg. 6	☌♃☌ 10.a. ♃ elevatus supra
4	c		Vlrick	19	♃ 62. min. Thunder & tempest
5	D		Zoe virg.	Libr. 3	Hæc tempestas erit maxima
6	e		Hector.	17	☍☍ ☉♄. caliditate obsessa.
7	f		Sun set 8,2.	Scorp. 1	♈ and ♀ sets 10.40.p.
8	G	7	Sun. aft. Trin.	5	☽ Perig. Overcast.
9	A		Cyril	219	No great alteration till the
10	b		7. Brethren	Sagit. 13	✶♄♀ 2.a. 11.day, then some
11	c		Pius	28	♀ longit. a ☉. Showres.
12	D		Sun set 7.55	Capr. 12	□♃♀ 1.a. Apertio portarum
13	e		Margarite	26	Pestis undique serpet.
14	f		Bonaventure	Aqu. 10	Better weather.
15	G	8	Sund. aft. Tri.	24	Status hujus mensis promiscu-
16	A		Osmond	Pisc. 7	us futurus est. nunc indicia pa-
17	b		Sun set 7.49.	26	✶☉♃ 2.p. cis appare bunt.
18	c		Rosina.	Arie. 1	nunc vero discordiæ, lites, ac
19	D		dogday. begin	15	☍☍ ☉♀. ♀ direct in ☍☍ ☉ tu-
20	e		Elias	27	multus. Temperate.
21	f		Sun set 7.42.	Taur. 8	☽ Apog. Scotland blushes.
22	G	9	Sun. aft. Trin	20	Td ♄☌. The weather
23	A		Apollin.	Gem. 1	☽ ☊ 3.p. seasonable and
24	b		Christian.	14	♃ sets 9.31.p. warme.
25	c		James Apost.	26	Make hay while Sun Shines.
26	D		Sun set 7.34.	Canc. 8	Very good hay weather.
27	e		Martha	21	Spica ♍ South 10,13.p.
28	f		Sampson	Leo 4	Sol ne occidat super iram
29	G	10	Sun. aft. Trin.	18	vestram. Awake O London.
30	A		Abdon.	Virg. 1	Some winde, if not rain.
31	b		Sun set 7.25.	15	

The 1. day Mercury, 10.p.
The 5. day Iupiter and Mars
The 25. Saturn 0.0.
The 26. Venus, 9.2.
The 30. Mercury, 11.2.
The 6 day, Spica ♍ 1.p.
The 29. day, Cor ♌ 0.0.
The 22. day, the 6. ✱
} is with the Moon.

Iupiter & Mars may be seen neer together in the West after Sun-set

D.	Ho.	m.		
1	9 A	46	Moons setting.	
2	10	6		
3	10	25		
4	10	42		
5	10	57		
6	11	12		
7	11	28		
8	11	49		
9	12	15		☽ 16 hour.
10	mor.	15		
11	0	51		
12	1	40		
13	Full ☾			
14	8 A	55	Moons rising.	
15	9	15		
16	9	32		
17	9	46		
18	9	58		
19	10	11		
20	10	26		
21	10	42		
22	11	0		
23	11	25		
24	11	56		
25	12	36		
26	mo.	36		
27	1	29		
28	2	34		
29	New ☾			Day 15. hour.
30	8 A	30	Set.	
31	8	47		

Full sea at London-bridge.

D.	H.	m.	
1	4 A	27	
2	5	15	
3	6	5	
♂ ☍ ☽	6	54	
5	7	42	
6	8	31	
7	9	21	
8	10	16	
9	11	12	
10	12	11	
□ ♂ ☽ 11	mo.	11	
12	2	11	
13	3	10	
14	4	4	
15	4	52	
16	5	20	
17	5	50	
18	6	21	
19	7	4	
20	7	47	
21	8	30	
22	9	14	
23	10	0	
24	10	49	
25	11	40	
26	12	31	
27	1 A	24	
28	2	17	
29	3	8	
30	4	0	
31	3	50	

August hath xxxj. dayes.

First quarter the 5. day, 36. min. past 5. in the mor. Asc. ♍ 1
Full moon the 12. day, 12. min. past 6. in the morn. As. ♍ 11
Last quarter the 20. day, 37. min. past 5. in the mor. As. ♍ 11
New moon the 27. day, 27. min. past 4. afternoon. Asc. ♍ 19

M.	D.	Holy and festival days, with Sun set.	Moons Signe	The planets mutual Aspects, and inclination of the ayre, &c.
	c	Lamm.	Virg. 29	Be not affraid to speak, but
1	D	Sun set 7. 21,	Libr. 21	stick close to it, that thou
2	e	Domin.	28	maist effect the matter in due
3	f	Aristarchus	Scor. 12	☽ Perig. ✶☉♂ 12. p. season.
4	g	11 Sun af. Trin.	26	✶♄☿ 8. a. Great winds.
5	a	Sixtus	Sag. 10	Beati pacifici. about these
6	b	Sun set 7. 13.	24	♂☉☿ 11. p. days, Various
7	c	Cyriach	Capr. 8	♃ Sets 8. 28. p. News.
8	D	Roman.	21	The 12. day warm & cloudy.
9	e	Laurence	Aqu. 5	♂ Sets 8. 41. p.
10	f	Titus	15	✶☉♄ 4. a. Thunder-like
11	g	12 Sun. af. Trin.	Pisc. 2	Tempus permitiosum hoc erit,
12	a	Sun set 7. 1.	15	alii enim febribus pestiferis ex
13	b	Bertram	28	△♄♂ 2. p. hac vita migrabunt
14	c	Assump. Mary	Arie. 10	alii in carceribus atris condem-
15	D	Roch	22	nabuntur; aliqui laqueo suspen-
16	e	Agapite	Taur. 4	☌☿☿.☿ dir. in ☌ ☿ dentur,
17	f	Sun set 6. 51.	16	☽ Apog: aut capitali pœna
18	g	13 Sun. af. Trin.	2	mulctabuntur. But let us hope
19	a	Lewes	Gem. 19	♃ Sets 7. 47. p. the best.
20	b	Athanast.	22	No great alteration of the
21	c	Simphon	Can. 4	7. ✶ rise 8. 32. p. weather,
22	D	Sun set 6. 42	16	♂ Sets 8. 8. p. the most
23	e	Barthol. Apost.	29	☌☉♃ : ☾☉ ♄. part of
24	f	Leudowick	Leo 12	his moneth. Ireland and
25	g	14. Sun. af. Trin.	26	☿ peregin a Sole. Scotland
26	a	Dog days end.	Virg. 10	Warm. are yet busied.
27	b	Austin	24	☌☌ ♄ ☿. Some gentle
28	c	Sun set. 6. 30.	Libr. 9	✶♄☿ 5. p : ☾♃ ☿. winds
29	D	Felix Pæ.	24	☽ Perig. ☌☿☿. stirring.
30	e	Paulinus	Scor. 8	Let us hope well.

The j. day, Iupiter 12.p.
The 2.day, Mars 1 .p.
The 22.day, Saturn. 1.a.
The 24.day, Venus (the morn. ✳)
The 26.day, Mercury, 9.a.
The 29.Iupiter. 5.p,
The 1. day, Spica ♍ 7.p.
The 19.day, Pleiades. 7.a.
} is with the moon

D.	hou. min.			Full sea at London-bridg.	D.	ho. min.	
				☌☉☿	1	5 A	39
2	9 A	3			2	6	30
3	9	18			3	7	21
4	9	35			4	8	13
5	9	55			5	9	8
6	10	19	Moons letting.		6	10	5
7	10	50			7	11	4
8	11	33			8	12	3
9	12	31			9	mor	3
10	mo.	31			10	1	1
11	1	41			11	1	56
12	2	●			12	2	47
13	Full	☾			13	3	31
14	7 A	54			14	4	18
15	8	9	Day 14. hour.		15	5	3
16	8	21			16	5	46
17	8	35			17	6	29
18	8	51			18	7	14
19	9	9	Moons rising.		19	7	55
20	9	29			20	8	46
21	9	58			21	9	36
22	10	33			22	10	26
23	11	19			23	11	18
24	12	20			24	12	11
25	mor.	20			25	1 A	3
26	1	31			26	1	56
27	2	58			27	2	47
28	New	☽			28	3	31
29	7 A	16	☽ letting.		29	4	30
30	7	30	Day 13. hour.		30	5	22
31	7	46			31	6	13
	8	5					

September hath xxx. dayes.

First quarter the 3. day, 38. min. past 11. before noon. Alt. ♏ 22
Full moon the 10. day, 53. min. past 6. at night. Asc. ♈ 28
Last quarter the 18. day, 45. min. past 11. at night. Asc ♋ 28
New moon the 26. day, 55. min. past 3. in the mor. Alt. ♍ 16

M.D.	D.W.	Holy and festival days with Sun set.	Moons Sign.	The Planets mutual Aspects, and inclination of the ayre, &c.
1	f	Sun set 6.23.	Scor. 12	☽ ☌ ♈. Cloudy.
2	G	15 Sun. af. Trin.	Sagit. 7	☿ Elong. Max. 2 ☉.
3	a	Gregory	21	☿ rise 1.21.a. Indifferent
4	b	Theodore	Cap. 4	♂ Sets 7.43.p. The weather
5	c	Zacharie	18	♀ ☌ ♄☿. indifferent good,
6	D	Sun set 6.13.	Aqua. 1	♃☍♆♂:S☍♆☿. though some-
7	e	Regina	15	✶♂☿ 9.a. what windy, but
8	f	Nat. Mary	28	7.✶ rise 7.30.p. (fair.
9	G	16 Sun. af. Trin.	Pisc. 11	Very good harvest weather.
10	a	Sosthen	24	Plurimæ calamitates minan-
11	b	Sun set 6.3.	Aries 6	tur, atq. mirabile quidpiam
12	c	Tobias	18	accidet.
13	D	Amatus	Tau. 1	□☉♄ 1.p. causa defuncto-
14	e	Exalt. Cru.	12	☽Apog. rum vel hæreditatum
15	f	Sun set 5.55.	24	✶♃☿ 2.p. Temperate.
16	G	17 Sun. af. Trin.	Gem. 6	♃ sets 6.22.p. Cold winds
17	a	Lambert	18	□♄☿ 1.a. and clouds
18	b	Ferriolus	Can. 0	Hirundines catervatim rece-
19	c	Ianuary.	11	dunt, exortu arcturi matutino
20	D	Sun set 5.45.	24	☿☉☽ 4.p Turbulent and
21	e	S. Matthew	Leo 7	Ad græcas Calendas. cold.
22	f	Victor	20	Bq ♄♂. Warm.
23	G	18 Sun. af. Trin.	Virg. 4	Morning ✶ rise 2.0.a.
24	a	Rupert	18	Overcast and cloudy.
25	b	Sun set 5.35.	Libr. 3	□♂☿ 1.p. Apert. port. to
26	c	Cyprian	18	winds, and raine
27	D	Iudith	Scor.. 3	♂♃ ☿ 9.a Dt ♄☿.
28	e	Wencesl.	17	✶♄☿ 11.a. ☾ ☌ ♈.
29	f	S. Michael	Sagit. 2	From the 12. day
30	G	19. Sun. af. Trin.	16	Vc ♄♂. to the moneths end, the weather bad enough.

The 18. day, Saturn 0.0.
The 22. Venus (the morn. ✶)
The 26. Iupiter & Mercury. 1.p.
The 29. day, Mars 7.2.
The 2. day, Cor Scorpii,
The 15. day, the 7. ſtars
The 16. day Oc. ☌. 9.2.
The 22. day Cor Leonis
} is with the Moon.

Full ſea at London bridge.

D.	ho.	mi.	
1	8 A	27	Moons ſetting.
2	8	57	
3	9	37	
4	10	32	
5	11	37	
6	12	52	
7	mo.	52	
8	2	13	
9	3	32	
10	Full ☾		
11	6 A	39	Moons riſing.
12	6	50	
13	7	3	Day 12. houſ.
14	7	20	
15	7	39	
16	8	5	
17	8	38	
18	9	18	
19	10	13	
20	11	16	
21	12	30	
22	mo.	30	
23	1	53	
24	3	19	
25	4	46	
26	New ☽		Moons ſea.
27	6 A	7	Day 11. houſ
28	6	39	
29	7	4	
30	7	41	

D.	ho.	mi.	
1	7 A	11	
2	8	8	
3	9	7	
4	10	7	
5	11	4	
6	11	58	
7	12	51	
8	mer.	51	
9	1	38	
10	2	24	
11	3	8	
□☉♄	12	3	52
13	4	33	
14	5	16	
15	6	3	
□♄☿	16	6	49
17	7	38	
18	8	29	
☌☉☿	19	9	18
20	10	11	
21	11	1	
22	11	52	
□☌♀	23	12	43
24	1 A	34	
☌♃♆	25	2	25
26	3	16	
27	4	11	
28	5	9	
29	6	8	
30	7	8	

First quarter the 2. day, 44. min. past 11. before noon. Al. ♈ 18.
Full moon the 10. day, 52. min. past 11. before noon. Al. ♎ 20.
Last quarter the 18. day, 22. min. past 4. afternoon. Al. ♉ 21.
New moon the 25. day, (Sun eclipsed) 49. min, past 1. aftern

Dy.	Dn.	Holy and festival days with Sun set.	Moons Sign.	The planets mutual Aspects, and inclination of the ayre, &c.
1	g	Sun set 5.21.	Cap. 1	☌ ☉ ♄. Iustice will be done
2	A	Leodeger	15	☌ ☽ ♃ ☍ ♂. p on the incendiary
3	B	Candid m2.	29	△ ♄ ☿ 11. p. Caput Serp. or. ♏.
4	C	Fuaris	Aqu. 12	♄ rise 8.31. p Cold winds neer
5	D	K. C. ret. frō Spa.	25	SS ♂ ☿. the beginning of the
6	E	Sun set 5. 12.	Pisc. 8	Morning ✶ rise 2.35. a. mo.
7	F	☉ 20 Sun. af. Trin.	20	☾ ♄ ☿. Somewhat cloudy.
8	g	Pelagius	Arie. 3	☽ ✶ rise 7.21. a. Warm.
9	A	Dionysius	1	Caput Andromedæ occ. m.
10	B	Gedeon	27	☽ Apog. cumpisce boreali.
11	C	Sun set 5.2.	Tau. 9	☽ ☊ Inclined to snow.
12	D	Walfrid	21	△ ☉ ♄ 5. p. ingen tem innuit
13	E	Tilema	Ge. 3	fridigitatem, Glacies, Pruin-
14	F	☉ 21 Sun. af. Trin.	14	nas & similia. Winter like.
15	g	Hedivig	26	Morning star rise 2.58. a.
16	A	Sun set 4.52.	Can. 8	☌ ♃ ☿. Seasonable.
17	B	Florence	20	SS ♃ ☿. Gentle winds raising
18	C	S. Luke Evang.	Leo 3	Bq ♄ ☿. rain, or snow towards
19	D	Ptolomie	16	Lanx borea orit. mane, the
20	E	Wendel.	29	moneths end.
21	F	☉ 22 Sun. af. Trin.	Virg. 12	✶ ☿ ☿. The villaine Irish may
22	g	Sun set 4.40.	26	☽ rise 7.24. a. now cry had I
23	A	Term begins.	Lib. 11	Vc ♄ ☿. Pleiades or. V. wist,
24	B	Salome	26	□ ♄ ☾ 7. a. but'tis too late.
25	C	Crispine	Scor. 11	Eclipsis ☉ partial. nobis con-
26	D	Amand	26	spicua. ☾ ☊ Cold rain about
27	E	Sun set 4.30.	Sag. 11	the 24. day, afterwards bet-
28	F	Si non & Jude.	26	☽ with ♂. ter weather.
29	g	Narcis.	Cap. 11	Princeps maximus morietur
30	A	Absolon	25	aut ad hostiles deveniet ma-
31	B	Sun set 4.23.	Aqua. 8	nus, ut ait Proclus.

The 15.day Saturn 7.p.
The 22.the Morn :✶.1.p.
The 24.day, Iupiter 9.a.
The 27.day, Mercury. 2.a.
The 28.day, Mars 3.a.
The 12.day, the 7.✶ 8.p.
The 13.day, Aldebaran
The 19, Cor ♌.6.p.

} is with the Moon.

D.	hou.	mi.		
1	8 A	31	Moons setting.	
2	9	34		
3	10	47		
4	12	5		
5	mo.	5		
6	1	26		
7	2	44		
8	3	59		
9	5	15		
10	Full ☾			
11	5 A	34		
12	5	53		
13	6	14		
14	6	42		
15	7	19	Moons rising.	
16	8	7		
17	9	4		
18	10	15		
19	11	30		
20	12	51		
21	mor.	52		
22	2	19		
23	3	47		
24	5	18		
25	New ☾			
26	5 A	8	Moons setting.	
27	5	39		
28	6	24		
29	7	23		
30	8	36		
31	10	18		

Day 10.hour.

Day 9. hour.

Full sea at London-bridge.

D.	ho.	min
1	8 A	9
2	9	7
3	10	2
4	10	54
5	11	44
6	12	40
7	mor.	40
8	1	57
9	2	41
10	3	22
11	3	45
12	4	5
13	4	52
14	5	40
15	6	28
16	7	18
17	8	8
18	8	57
19	9	47
20	10	36
21	11	25
22	12	16
23	1 A	6
24	1	59
25	2	55
26	3	55
27	4	56
28	6	59
29	7	0
30	7	59
31	8	4

☐♄☌☽ Sun eclipsed, to be seen in Eng.

November hath xxx. dayes.

Firſt quarter the 1. day, 45. min. paſt 6. morning. Aſcend. ♏ 9
Full moon the 9. day, 38. min. paſt 6. in the morning. Eclipſed
Laſt quarter 17. day, 49. min. paſt 6. morning. Aſcend ♏ 2
New moon the 23. day. neer midnight. Aſcend ♐ 17
Firſt quarter the 30. day. 33. min. paſt 8. at night. Aſc. ♑ 1

☌ ☍	☽ ♄	Holy and feſtival days with Sun ſet.	Moons Sign	The planets mutual Aſpects, and inclination of the ayre, &c.
1	D	All Saints day.	Aqua. 22	♄ South 2. 52. a.
2	☿	Sun ſet 4. 10.	Piſc. 5	Morning ſtar riſe 3. 44. a.
3	♀	Theophilus	17	✶ ☿ ♀ ſerè & tard. windy.
4	☉	24 Sun. af. Trin.	Aries 0	✶♃♂ 9. p. Snow ſoll oweth
5	♂	Powder treaſon	12	□ Diſt. long. a ☉. Bq ☉ ♄
6	♃	Leonard	24	☌♂☿. ♀ Sets. 5. 0. p.
7	♀	Sun ſet 4. 11.	Taur. 6	☍♄♀ 9. a. ☌♃♂.
8	☿	Claudius	18	Eclipſis, Lunæ totalis apud
9	☾	Theodore.	Gem. 0	nos Vc. ☉ ♄. Rebell.
10	♄	Martin 11. day	11	Hoc tempore rheumaticæ in-
11	☉	25 Sun. af. Trin.	23	firmitates oculis valdè perni-
12	♂	Sun ſet 4. 4.	Can. 5	tioſæ, hemicraneæ, febres peſ-
13	♃	Brice	17	tiferæ, & paſſiones colicæ non
14	♀	Frederick	Leo 0	deerunt. △ ♄♃ 0. 0. Some
15	☿	Leopold	12	Morning ✶ riſe 4. 21. great
16	☾	Otmar	25	☌♃☿ 1. p △♄☿ 3. conſe-
17	♄	Sun ſet 3. 57.	Virg. 8	quences portended by the
18	☉	26 Sun. af. Trin.	21	7 ✶ ſouth 11. 7. p. Heavenly
19	♂	Elizabeth	Libr. 5	SS ☉ ☿ tardus. bodies. More
20	♃	Amos	19	temperate about the 17. day.
21	♀	Obl. M.	Scorp. 4	☽ Perig. Great winds are
22	☿	Sun ſet 3. 51.	19	preſaged, which are like to
23	☾	Clement	Sagit. 4	♄ ſouth 1. 7. a. raiſe ſnow.
24	♄	Chryſog.	19	☌☉☿ 2. a. SS ☿♀.
25	☉	27 Sun af. Trin.	Cap. 4	A great death and murrain a-
26	♂	Conrad.	19	mongſt Bayliffes, Gaolers, in-
27	♃	Sun ſet 3. 46	Aqua. 4	formers, Catchpoles, Bank-
28	♀	Terme ends	17	rupts, &c. who ſhall die ſo faſt,
29	☿	Saturn	Piſc. 1	that you ſhall ſcarce find an ho-
30	☾	Andrew Ap.	14	neſt man of their profeſſion

The 11. day, Saturne
The 21. Iupiter and Venus
The 24. day, Mercury. 3 a.
The 26. day, Mars. 1. a.
The 9. day, the 7. Stars
The 16. day, Regulus. 0.
The 29. Spica Virgo. 1 0. 2
} is with the Moon.

The 26. day, the two bright ſtars Iupiter and Venus are neer together in the eaſt.

D	hou.	min.		*Full ſea at London-bridg.* D.	ho.	min
1	11 A	14	Moons ſetting.	1	9	43
2	12	35		2	10	31
3	mo.	35		3	11	15
4	1	51		4	11	57
5	3	4		5	12	40
6	4	19		6	mor.	40
7	5	32		☌☿☌ 7	1	22
8	6	44		8	2	4
9	Full	☾	totally eclipſed to be ſeen in Eng.	9	2	47
10	4 A	42		10	3	35
11	5	16		11	4	24
12	6	0		12	5	13
13	6	54		13	6	2
14	8	0		△♄☽ 14	6	50
15	9	12	Moons riſing. Day 8. hour. 2	15	7	39
16	10	27		16	8	26
17	11	46		☌☽☿ 17	9	14
18	13	10		18	10	0
19	1 mo.	10		19	10	49
20	2	39		20	11	40
21	4	10		☌☉♀ 21	12	32
22	5	44		22	1	28
23	7	21		23	2	29
24	New	☾	Sun eclip. to be ſeen under the earth	24	3	31
25	4 A	56	Moons ſetting	25	4	34
26	6	5		26	5	36
27	7	24		27	6	34
28	8	46		28	7	28
29	10	7		29	8	17
30	11	27		30	9	3

December hath xxxj. dayes.

Full moon the 9.day. 1 min.past 2. morning. Ascend ♎ 21
Last quarter the 16 day, 55. min. past 6. at night. As. ♌ 11
New moon the 23.day, at 11. beforenoon. Ascend ♓ 24
First quarter the 30.day, 42. min.past 3. afternoon. Asc. ♑ 11

M.D.	W.D.	Holy and festival days with Sun set.	Moons Sign.	The Planets mutual Aspects, and inclinations of the ayre, &c.
1	♇	Sun set 3.43.	Pisc. 27	Wicked plots are hatching to
2	☾	Advent Sund.	Arie. 9	disturb and divide us a-
3	♂	Cassian	21	☌♂♀ 0.0. mongst our selves.
4	☿	Barbarie	Taur. 3	♄ South 12.19.p.
5	♃	Sabina	15	Bq ♄♀. Canis minor occ.M.
6	♄	Sun set 3. 41	27	☽ ☍ ☿. O the cruelty of bloud-
7	♉	Agathon	Gem. 8	☽ Apog. thirsty men, Snow
8	♀	Concept. M.	20	☌☉☊ 0.0. or cloudy, moist
9	☾	2 Sund. in Adv.	Can. 2	Vc♄♀. and dark weather.
10	♇	Eulalia vir.	14	Morning ✶rise 5. 9.a. O Eng-
11	☿	Sun set 3.47.	27	Cold and windy. land thy
12	♂	Palerius	Leo. 5	7.✶louth 9.26.p. country be-
13	♄	Lucie	22	trays thee. Digressio maxima ☿
14	♉	Bicasius	Virg. 5	Vc ♄♂ 0. Very temperate. (☉
15	♀	Abraham	18	✶☊ ♆ 3.p. ☋☋ ♅ ♂.
16	☾	3 Sund. in Adv.	Libr. 1	Arcturus occ.v.cum 5.g.♍, an-
17	♇	Sun set 3.42.	15	☋☋ ☉♀ tardusite ante cujus
18	☿	Christopher	26	occasum venti austrini flant.
19	♂	Loth	Scor. 13	☽☍ Bq ♄♂. Peace better then
20	♄	Amon	28	Corn louth 9.32.a. fined gold
21	♃	Thomas Ap.	Sag. 13	☽ Perig. Good weather.
22	♉	Theodosius	28	Morning ✶ rise 5.58.a.
23	☾	4 Sund. in Adv.	Cap. 12	Remission of cold.
24	♀	40. vir. Fast	17	□♅♂ 11.p. Somewhat frosty
25	♇	Christ. Nat.	Aqu. 12	Nives cum ventis validis pro-
26	☿	Stephen. Prot	26	♂♄♅ 4.a. ducunt hi aspectus
27	♂	John Evangel.	Pisc. 9	Winds and clouds, with some
28	♄	Innocents.	22	♄ south 10.24.p. snow
29	♉	Ionathan	Arie. 5	☌☉♅. now and then.
30	☾	David	17	♃ rise 2.1.a. The yeare
31	♇	Silvester.	29	ends indifferent well.

The 9. day, Saturn 1. a.
The 18 day, Iupiter, 9. 1.
The 21. Venus and Mercury
The 25. day, Mars 1 a.
The 6. day, the 7 ſtars 9. a.
The 13. day, Cor Leonis. 5. a
The 21 day, Cor Scorpii. 0. a.
The 26. Siniſt. hum Aquari

} is With the Moon.

Quoniam videbo Cælos tuos, opera digitorum tuorum; Lunam & ſtellas, quæ tu fundaſti. Pſal. 8. 4.

D.	hou.	m.		*Full ſea at London bridg.* D.	ho.	min
1	12	41	Moons ſettings.	1	9	45
2	mor.	41		2	10	28
3	1	56		3	11	10
4	3	9		4	11	52
5	4	22		5	12	34
6	5	33		6	mo.	34
7	6	45		7	1	20
8	7	58		8	2	5
9	Full	☾		9	2	54
10	4 A	36	Moons riſing.	10	3	45
11	5	37		11	4	35
12	6	48		12	5	14
13	8	3		13	6	12
14	9	21		14	6	58
15	10	41		15	7	45
16	12	3		16	8	31
17	mor.	3		17	9	18
18	1	30		18	10	9
19	3	1		19	11	1
20	4	34		20	11	58
21	6	4		21	12	58
22	7	29		22	1 A	59
23	New	☽		23	3	3
24	4 A	42	Moons ſet.	24	4	3
25	6	6		25	5	0
26	7	30		26	5	51
27	8	52		27	6	41
28	10	11		28	7	27
29	11	27		29	8	10
30	12	42		30	8	54
31	mo.	42		31	6	36

Shorteſt day, being. 7. ho. 20. mi.

□ 4 ♂.
8 ☉.

The Dominion of the Moone in Mans body passing under the 12. Zodiacall Constellations.

The Characters of the seven Planets, with Drag. head and taile.

♄ *Saturne*, ♃ *Jupiter*, ♂ *Mars*, ☉ *Sol*, ♀ *Venus*, ☿ *Mercury*
☾ *Luna*, ☊ *Dragons-head*, ☋ *Dragons-taile*.
Saturni, Iovis, & Martis, Solisq; fub illis,
Mercurius Venerem interagit Lunamq; locatus.

The Aspects both old and new.

		Sig.	o	Degr.
☌ *A Conjunction*	When Planets are distant	☌	0.	0.
⚺. *A Semisextile*		⚺	1.	0.
✶ *A Sextile*		✶	2.	0.
⚼. *A Quintile*		⚼	2.	12.
□ *A Quartile*		□	3.	0.
Td. *A Tredicile*		Td.	3.	18.
△ *A Trine*		△	4.	0.
Bq. *A Biquintile*		Bq.	4.	24.
Vc. *Quincunx*		Vc.	5.	0.
☍ *Oppofition*		☍	6.	0.

All the mutual Syzygies & Aspects of the Planets, hapning this prefent year, are truly noted in the last row of the left hand page of this my Almanack, according to the Rudolphin tables of the excellent Mathematitian Io. Kepler; and in the blank page, is noted the days wereon some of the chiefest of them happen, according to the tables of Mr. Andrew Argol.

A Table to finde the true houre of the day by a plaine Walking staffe divided into 12. equall parts, or divisions.

Hour before noon / Hour after noon.	12 / 0	11 / 1	10 / 2	9 / 3	8 / 4	7 / 5	6 / 6	5 / 7	4 / 8
11	11	6 ½	7	9	12	16	23	36	68	320
June 6	16 June	6 ½	7 ½	9 ½	12 ½	16 ½	23 ½	36 ½	69	341
31	22	6 ¾	7 ¾	9 ¾	13	16 ¾	23 ¾	36 ¾	71	376
26	27	7	8	10	13 ½	16 ¾	24	37	74	497
21	2	7 ¼	8 ¼	10 ¼	13 ½	17 ¼	24 ½	38	78	781
May 16	7	7 ½	8 ½	10 ½	13 ¾	17 ½	25	40	85	8850
10	12 July	7 ¾	8 ¾	10 ¾	14	18	26	42	94	
5	18	8	9	11	14 ¼	18 ¼	27	45	105	
30	23	8 ¼	9 ¼	11 ¼	14 ½	19 ¼	28	48	129	
25	28	8 ½	9 ½	11 ½	14 ¾	20	29 ½	52	186	
Apr. 20	2	8 ¾	10	12	15	21	31	58	235	
14	7	9	10 ¼	12 ¼	16	22	33	65	430	
9	13 Aug.	9 ¼	10 ½	12 ½	17	23	36	75	1438	
4	18	10	10 ¾	13	18	25	40	89		
30	23	10 ¼	11	13 ½	19	27	44	110		
25	28	10 ½	11 ¼	14	20	29	49	146		
Mar. 20	2	10 ¾	11 ½	14 ½	21	31	55	218		
15	7	11	11 ¾	15	23	34	64	434		
10	12 Sept.	11 ¼	12	15 ½	25	37	75			
5	17	11 ½	12 ¼	16	27	42	92 ½			
28	23	11 ¾	12 ½	16 ½	30	47	117 ½			
23	28	12	12 ¾	17	33	53	160			
Feb. 18	2	12 ¼	13	17 ½	36	61	252			
13	8	12 ½	13 ¼	18	40	71	543			
8	13 Oct.	12 ¾	13 ½	18 ½	44	84				
3	18	13	13 ¾	19	49	103				
28	23	13 ¼	14	19 ½	55	132				
24	28	13 ½	14 ¼	20	62	175				
Jan. 19	2	13 ¾	14 ½	20 ½	71	255				
14	6	14	14 ¾	21	81	413				
9	11 Nov.	14 ¼	15	21 ½	92	1058				
4	16	14 ½	15 ¼	22	104					
31	21	14 ¾	15 ½	22 ½	118					
26	26	15	15 ¾	23	129					
Dec. 21	1 Dec.	15 ¼	16	23 ½	145					
16	6	15 ½	16 ¼	24	149					
11	11	15 ¾	16 ½	24 ½	153					

To finde the houre of the day, by the helpe of the former Table, with a walking staffe divided into 12 equall parts.

IN my last yeares Almanack you had directions to finde the houre of the day at any time by a quadrant, and a table of the Suns altitude, now considering some of the more Rural Lyons can make little benefit thereof, I have according to the pottring of Triangles composed the former Table, whereby to finde the true houre of the day at all times, with a plaine walking-staffe, divided into 12 equall parts, which is so plaine and perspicuous that the meanest capacity may conceive it. The use whereof is thus: when you would finde the houre of the day, set your staffe upright in some plaine levell place, & mesure how many parts the shadow thereof containes, which being knowne, finde out the number of those parts in the Table against the day of the Moneth, and in the same columbe over head, you have the true houre of the day. But if you cannot finde the just day of the moneth, neither the iust parts exactly, then you must make motion by the rule of 3, or take the nearest thereunto, so shall you obtaine the true houre of the day with much facility, as by this Example following doth appeare.

Suppose that upon the 10 of March or 12 of September I erect my staffe upon plaine levell ground, and finds the shadow thereof to containe 37 parts (that is three times the length of my staffe, & one part more) now seeking in the Table right against the said day, for 37 parts, I finde over head, that it is then either 8 a clock before noone, or 4 after noone; so that had the observation beene in the forenoon, it had been 8 a clock, if in the afternoone 4 of the clock, as the head of the Table demonstrates. Practice better then many words openeth this, therefore for brevity sake let this one Example suffice.

How the Altitude, or Height of a Tree, Tower, or Steeple, or any thing standing upright, may be found, with a Rod or plaine walking staffe.

TAke a Rod, Pole, or Walking-staffe of known quantity, and divide the same into 6, 8, or 10. feet, as you please, then erect the same perpendicularly upon some plaine levell place before the thing to be measured, which done, place your eye upon the ground, in such sort, that you may see both the top of the staffe and the top of the thing to be measured in a straight line, then compute the space comprehended between the eye, and the root or base of the thing elevated, & multiply the same by the quantity of the staffe, dividing the product by the distance which is between the eye and the staffe, the Quotient will give the true height of the thing to be measured, as for example.

I desire to know the height of a certaine Turret, therefore I erect my staffe (which is five foot in height) between me and the

the said Turret, and lying with my face upon the ground, I move my head too and fro, until I see the top of the staffe in a strait line with the top of the Turret, diligently holding my eye close to the ground, then I measure the distance betweene my eye and the bottom of the Turret, finding it to be 42 feet, which I multiply by 6 feet (the length of my staffe) and the product is 252, this being divided by 8 (the distance between my eye and the staffe, the quotus is 31 feet and a halfe, the height of the Turret required.

An accurate Description of all the Eclipses this yeare. 1649.

THe 2 great Lights of the world shal suffer 4 Eclipses this year namely two of the Moone & three of the Sunne, which will be visible (in whole or in part) in our Hemisphere, save only the last of the Sun, which is to be seene in parts far remote.

Of the two great and totall Eclipses of the Moone visible this yeare, the first whereof happeneth May 16 at 2 ho. 29 min. A. M.

The other November ninth at 6 ho. 34 min. A. M.

THe first great Eclipse of the Moone will happen on Whitsun wednesday the 16 of May Stylo veteri, or the 26 Stylo novo, and shall be seen of us in great Britaine, the Moone being (at the middle thereof) South-West, in the 5 deg. 7 m. of Sagittarius diametrically opposite to the Sun, and neere unto, or the Dragons-taile.

		Hr.	min.	Sec.	
Beginning	will be at	0.	35.	12.	in the moone
Beginning of totall darknes		1.	45.	52.	
Middle		2.	34.	23.	
End of totall darknes		3.	22.	47.	
End		4.	33.	34.	
Totall duration		3.	58.	22.	

Digits Eclipsed are 19. and 4. min. or according to Noble Tycho 20. and 12 minutes.

Typus Eclipsis hujus Lunæ.

THe second great Eclipse of the Moone will be upon Friday the 9. of November Stylo veteri, or the 19. Stylo novo, and will be seene of us in England, the Moone being at the middle thereof W. N. W. in the 27 degree 22. min. of Taurus neere unto, or the Dragons head.

		Hr.	min.	Sec.	
Beginning	will be at	4.	36.	56.	in the moone
Beginning of totall darknes		5.	53.	59	
Middle		6.	47.	19	
End of totall darknes		7.	40.	39	
End		8.	57.	42.	
Totall duration		4	20.	46.	

The Digits eclipsed are 19. 0 min. 44. seconds according to Eichstade, but according to Argoll 20. Dig. and 46 minutes.

Of the two partiall Eclipses of the Sun visible this yeare in England, the first whereof falls upon the 31 of May at 5. hou. 43. min. A.M. the other the 25. of Octob. at 1. hou. 49. m. P.M.

Figura Eclipsis Lunæ hujus.

UPon the 31 of May 1630 (now 19 yeares since) was a great Eclipse of the Sun neere the Suth-horizon (it being the first Solar eclipse that ever I beheld) & now he Dragons head having made its periodicall Revolution through the 12 Zodiacall Dodecatemories, the Eclipses return to the same points againe as Pliny would have it Lib. 2. cap. 13. Hist. Nat. Elapsis ducentis viginti duobus mensibus eclipses in orbes suos redire. But yet there is some alteration according to the rule: Cœli motus inter se sunt incommensurabiles, nec unquam phœnomena eodem prorsus modo recurrere possunt. For that 1630. was very great and terrible in Quadrante occidentali, or in the West quarter of the Heavens, and now this is but very small in quadrante orientali, or in the eastern quarter. But of this Eclipse and the other in Octob. following, I shall speake briefely in regard they are but small, yet seeing that neither Origan, Argoll or Eichstade accompt the first to bee seene in their parts, though the Sun bee above their Horizon (as indeed it cannot) it will here be requisite to anner the Calculation thereof in a few of the chiefest heads for proving of its visibility in England, (though of small quantity) and for defending my selfe from them that this yeare shall say the contrary. I confesse in the more Northerne parts it will bee greater then here in England, as also that in Octob. following, the reason whereof is, because the Eclipse of the Sun depends principally upon the Paralax longitudinis latitudinisque Lunæ, which causeth it to differ in every part of the earth, both in time and quantity (as Astronomers well know, though for the most part tis unknowne to divers of our common Almanack writers) and therefore I advise such to forbeare to give any particular description of them, unlesse they doe it more exactly for future then hitherto they have done, however if they or any other please to peruse a little booke lately divulged (wherein I made mention the last yeare) they may (amongst many other things of like nature) finde the time, quantity, and types of all the Eclipses of the Sun and Moon exactly described for our situation till the yeare 1667 performed, ex Tabulis secundorum mobilium, & not only by a Reduction of time for the difference of Meridians, ex

Ephe-

Ephemeridibus, though the most part of them goe no further, but out of their owne opinative judgements thinke that sufficient, when its nothing but grosse absurditie and meere madnesse, insomuch, that I wonder they will offer thereby to describe them without further calculation, for (as I said in my Almanack 1643. and 1644.) the Sun may be Eclipsed in one Climate, and not in another, yea in one Climate greater, in another lesser, and in other some no eclipse at all, the Sun being Supra Horizontem, above the Horizon of all the said places at the selfe same instant. Hence it is that those Ephemerides now in use being for the most part Calculated for such places as are far remote and distant from us, can give us here, neither the true time or quantity of the Suns defect, but there will be sensible difference for the reasons before shewed, because such Calculations are onely proper to the place they have reference to, being determinate by a certaine Longitude and Latitude, as in the Eclipse of the Sun Octob. 25. this yeare, Origans calculation from Tycho's Tables compute it to be 4 dig. 43 min. 58 sec. and 5 dig. 42 min. from the Ptutenick Tables, for Francford ad Viadrum, Eichstads calculation from the Danick-Tables hath it 5 dig. 9 min. 41 sec. for Scerine in Germanie, and Argoll no more then 1. dig. 48. min. for the City of Rome, and all the difference hereof ariseth chiefly a parallaxi Lunæ supra dicta, & not from any failings in the said Authors.

Calculus prioris Eclipsis Solis nobis conspicuæ

	Da.	Ho.	′	″
The meane time of the true ☌ of the luminaries in our meridi.	May.	30.	18.	45.30
The Æquation of time to be added				3. 42
The apparent time of the true ☌	May	31.	18.	49.12
The argument of the Sun Æquated	Sig.	11.	12.	22.35
The argument of the Moon Æquated	Sig.	1.	14.	32.16
The North Node of the ☽	Sig.	2.	5.	5. 30
Therefore the Argument of the ☽ Lat.			0.	14. 27. 43
The place of the Luminaries ☊ gr. 19. 33. 12.	Sig	2.	19.	33.12
At the apparant time of the true ☌ is given.			Gr.	′ ″
The distance of the Luminaries from the Vertex			64.	58.28
Latus Longitudinis				36. 2
				2. 38
The parallax of the ☉				54. 17
The parallax of the ☽ à ☉				51. 39
The parallax of the ☽ à ☉ in Longit.				31. 1
Because the visible ☌ precedes the true ☌, there is given to one houre before, viz. at			5	49. 12
The distance from the Vertex				74. 0. 36.
Latus Longitudinis				38 ·63

The parallax of the ☉	2. 47
The parallax of the ☽	57. 29
The parallax of the ☽ à ☉	54. 42
The parallax of the ☽ à ☉ in Longit.	31. 28
The difference of the parallax of the ☽ à ☉ in Long. is	0. 27
Which being deducted from the true hourly motion of the ☽ from the ☉	28. 28
It leaveth the hourely motion Scene	28. 1
Now dividing the Parallexis of the ☽ à ☉ in longit. at the time of the true ☌ it giveth the intervall or distance between the true ☌ and the visible, to be subtracted, because it falls in the Oriental Quadrant of the Signifer.	1. 6. 12
Therefore the time of the visible ☌ or middle of the Eclipse is May 30. At which time is given.	17. 43. 0
The distance from the Center	74. 54. 20
Latus Longitudinis	34. 14
Latus Latitudinis	48. 50
The parallax of the ☉	2. 47
The parallax of the ☽	57. 43
The parallax of the ☽ à ☉	54. 56.
The parallax of the ☽ à ☉ in longit.	31. 28
The parallax of the ☽ à ☉ in latitu.	44. 43.
And because the true distance of the Luminaries agreeing to the intervall of the true and visible ☌ is.	31. 23
Differing from the parallaxis of Longit. only	1
It sheweth the visible ☌ is precise enough found	
Now subtracting the Parallaxis of the ☽ Lon. at the time of the visible Synod from the true Argument of the ☽ lat. at the time of the true Synod.	0. 14. 27. 42
It leaveth the true motion of the ☽ latitude at the apparant Synod	0. 13. 56. 21
Therefore the Lat. of the ☽ is North aforesaid	1. 12. 14
From which detracting the parallaxis of Latitude at the time of the visible Synod (because they are of diverse affections) there will remaine the lat. of the ☽ seene North	27. 28.
The Semediameter of the ☉	15. 1
The Semediameter of the ☽	15. 35
The aggregate of their Semediameters	30. 36
The parts deficient	3. 8
Therefore the quantity eclipsed will be Dig.	℞ 27. 12
The minutes of incidence are	13. 24
The time of incidence	26. 38
The time of Repletion	29. 7
The duration.	0. 55. 45

The

Ho. min. sec.

The begin. of the eclipse at 5. 16. 22
The middle, or visible ☌ at 5. 41. 0 } in the morning.
The end at 6. 12. 7

The Parallax (or diversity of appearance) of this Solar Eclipse from the Latitude of 45 deg. to the Latit. of 60.

Dig. min.		Dig. min.		Degr.
0. 28		0. 2		45
0. 56	But according	0. 5	In the Latitude of	49
1. 14	to Lansberg,	0. 22		52
1. 28		0. 34		54
1. 48		0. 51		57
2. 8		1. 10		60

North.

Typus Eclipsis non ponitur cum Solis defectus sit minimæ ejus partis ac fere inobservabilis Stamfordiæ.

They who are removed from our meridian to the west 6 ho. 7 min. 39 sec. in the Long. 288 deg. 15. min. and Latit. 70 deg. north (where the Sun at this time of the year doth neither rise nor set but is always seen above the Horizon) there the true & visible conjunction will convene together in the 90 degree at 7 min. before one in the morning, where the Sun shall be darkened 3 dig. 49 min. 40 sec according to Tycho Brahe.

Calculus Secundæ Eclipsis ☉ quæ in nostro Horizonte apparebit.

	Da. Ho. ′ ″
The meane ☌ of the Luminaries in our merid	Oct. 25. 2. 45 12
The interball of the meane & true ☌ Subtr.	1. 14 42
The middle time of the true ☌	Octob. 25. 1. 25 30
Æquatio dierum ad	23. 30
The apparent time of the true ☌	Octob. 25. 1. 49. 0
The coæquate Anomalie of the Sun	Sex 2. 5. 57. 0
The coæquate Anomalie of the Moone	Sex. 2. 48. 57. 41

Ergo ☉ and ☽ prope ☍ in 12 gr. 24 min. 50. Sec ♊.

The true motion of the Moones latitude	Sec. 1 14. 59. 16
which giveth the true Latitude of the ☽ North	1. 17. 37
Because this Ecliptical ☌ happens in respect of our meridian in gradu nonagesimo, viz. ad hor. 1. min. 49. post merid.	1. 49. 0
The distance from the Center will be	91. 32. 0
The parallaxis of the ☽	2. 11
The parallaxis of the ☉	60. 38
The parallaxis of the ♁	58. 27
Therefore the Latitudo Lunæ vis. will be North	19. 16
The Semidiameter of the ☽	17. 42
The Semidiameter of the ☉	17. 48
The aggregate of their Semidiameters	35. 30
The Scrupula deficiencia	16. 20

which show that the Sun shalbe darkened 5 points & 32 m. sec.
& the Scrupula incidentiæ, are 29. 41
Motus horarius { to one houre before the ☌ 25. 10
Lunæ visus { to one houre after the ☌ 25. 59
Therefore the time of incidence will be hou. 1. 10. 46
The time of Repetion 1. 8. 12
And the totall duration 2. 19. 18
Latitudo Lunæ visa ad Eclipsis { initium Bor. 24. 33.
finem Bor. 15. 26

ho. mi. se.
The beginning of this eclipse at 0. 38. 14
The middle, true, & apparent ☌ 1. 49. 0 } in the Altern.
The end at 2. 57. 32

A Type of this Eclipse as it will appeare in England.

This eclipse will likewise be seen only in the North parts of the world. In Spaine it will bee little, or nothing, in France & Italy very small here in England about 5 dig. in Scotland somewhat greater & in the last of 70 deg. north, it will be almost 3 parts darkned. There will be another small Eclipse of the Sun this year upon the 23 of Novemb. neere midnight, some 3 points darkned, to be seene in the south part of the earth, within the Circle Antartick.

The next eclipse of the Sun visible in England will happen on Munday the 29 of March 1652, a little before 10 in the forenoone, now 3 yeares hence, which will be the most fearefull and terrible eclipse that hath been seen in our dayes, yea it will bee greater then that ominous eclipse of the Sun that fell 1654 howbeit never since the oldest men living were borne did there appeare such great eclipses in England within so short a compasse of time: and as they are great & terrible, so I conceive, they will produce some wonderfull strange & unheard of accidents & alterations in most kingdomes & places of Europe. But of these eclipses I shall speak hereafter in their severall yeares Deo permittente.

A briefe Declaration of the foure parts or quarters of this yeare, and first of the Spring, the Basis of the Revolution.

The Revolution of this yeare takes its beginning in our meridian on Saturday the 10 of March at 2 a clock 32 min. 55. sec. in the morning, that glorious lamp of light (Royall sol) then entring ♈, according to the Tables of Richieu: for triall whereof, adding 8 min. ad tempus supradictum, for the difference of meridians between us & Paris, there will emerge 2 ho. 40 min. 55

sec.

sec. the time of the Suns ingresse into ♈ in the merid. of Paris, at which time (ex iisdem Tabulis Richelianis) the Suns place is thus acquired.

		Long. ☉				Apog. ☉			
		Sig.	gr.	′	″	Sig.	gr.	′	″
	1648	9.	10.	28.	15	3.	6.	33.	24.
Mart.	1.9	2.	16.	52.	50				13.
Hor.	14			34.	30				
Min.	40			1.	39				
Sec.	55				2				
Long. ☉ media.		11.	27.	57.	16	3.	6.	33.	37. Apog. ☉
Apog. Subtr.		3.	6.	33.	37				
Relat. Anom.		8.	21.	23.	39	Æquatio Subtr.			
			2.	2.	44				
		10.	8.	0.	0	Verus locus Solis in		0. 0.	♈

HInce it appeares that the Sun enters ♈ in the meridian of Paris the 12/22 of March at 2 h 0. 40 m. 55 s. A.M. but in our meridian, which is (according to Kepler) 8 m. ad occidentem, at 2 h 32 m. 55 sec. ut supra, at which time the Heavens shall be disposed as in the following Scheme.

In this Radicall part of this Revolution, are these notable Configurations.

Die 14 Martii ☌☉♅ 3.p:24.ejusdem □☽☌♂7.p:& 31.☌☉♀9.a:Die 7.Aprilis ☌♄♀4.p:& 24.□♅♀5.p:28.Maii □☉☌♂6.p.& die ult.□♄♀0.a.& ☌☉♄65.p.Die 2.Junii ☌♄♀5.43.☌☉♀1.a & 6.□♅♀6.p.

Estas, Summer commenceth on Munday the 11 of June, 37 min.past 5.in the morning,the Sun then entring Cancer,at which instant Saturne is neere the Cuspis of the 12 house, wherein the Sun and Mercury are collocated, Jupiter is in the 1 house neare Mars,who is prope Cuspidem,and benevolent Venus exactly fortifiates the Horoscope.

In this part of the Revolution happen these remarkable Configurations.

Die 13.□♄☌2.a.27.☌☉♀8.a:3.Julij ☌♅☌10.a:12.□☌♀1.a.7.Aug.☌☉♀11.p.

Autumnus, Autumne, or Vintage begins on Saterday the 12. of September 16.min.past 8. at night, the Sun then entring Libra, Saturne being in the first house, Jupiter and Mars in the 6 the Sun and Mercury in the 5. Venus in the 4. and the Moone in the 12. house of the Heavens.

This part of the Revolution produceth these notable Conjunctions and Aspects.

Die 12.Septembris □☉♄12.p.16.□♄♀2.a:19.☌☉♀4.p.24.□♄♀2.p.& 26.ejusdem ☌♅♀9.a,Octob.1.☌☉♅8.p.& 24.□♄♀7.a:Novemb.8.☌♄☌3.a:15.△♄♅00 17.☌♅♀1.p:& 25.☌☉♀2.a: & Decemb.8.☍☉♄00.

Hyems, Winter initiateth on Wednesday the 11 of Decemb.3. min.before 8.in the Morning, the Sun then entring Capricorne, at which moment the Moone and Saturne are in the 7. house, Jupiter in the 10 the Sun and Mars in the Ascendant,Venus in the 11.and Mercury in the 12. house of the Heavens.

In this latter part of the Revolution will appeare these Celestiall aspects & meetings.

Die 24.Decembris □♅☌1.p:& 26.☌♄♀4.a:Die 1.Januarij 1650. ☍♄♀6.p.22.□♅♀12.p:& 29.☌☉♀5.p:Febr.5.□♅♀14.p.11.Die ☌☌♀3.p:& 23.ejusdem □♅☌10.p: Mart.4.□☉♄7.a.

Hic annus Europæis terribilis erit ob duas Eclipses Lunæ totales, & totidem Solis inibi conspicuas. The effects of which eclipses are like to operate very furiously, seeming to bring with them strange & unthought of accidents, which shall terrifie & distract divers, & that in a marvellous manner, especially in those Cities, Countries, & places subject to the Eclipsed signes: In the first eclipse of the Moon, May 16. Jupiter, Luna and Venus are Almutens, in the second ☍ the Moon, November 9. Mercury, Mars, and Luna: but the most remarkable thing is the eclipse of the Sun Octob.25. where the

Sun

Sun (the greater light of the world) is eclipsed in the 8. house (called of Astrologers Domus Mortis) & in Scorpio, the most viperous signe in the heavens, Mars being Almuten of the figure, and mounted in Medio Cœli, which is termed Domus Regum, the house of Kings, &c.

What may be gathered by the rules of art and law of nature from the years revolution, & from the eclipses, great conjunctions, and other Celestiall Phænomenes contingingthereto, I shall here set down with as much brevity as may be, and give you the sense and opinion of divers Astrologians thereupon, and first if we consider the Scheme of this revolution, and tightly compare it with the Newmoon preventional, & full Moon postvention all, we may in the generall perceive, that some great & notable alteration and change in humane affaires is prefignified, that fad discontents shall arise amongst the Schismaticks of the times concerning religious matters & ceremonies, many hot disputes about setting the Rites & Customes of the people, & much acquisition for the substance, goods, & inheritance of the dead, notwithstanding, I conjecture according to natural causes, that some shall carry on businesses very occultly, & shall use much underhand-dealing, seeming to manage affaires with a great deale of fairnesse, but the clandestine practises of such shall faile, & the affaires of our English Common-wealth will be regulated by the Governours thereof with much wisdom and justice, for the good of this Nation, and for the extirpation of all exorbitant power and misdemeanour in Church and Common-weale.

And seeing that the assendant is possessed with moveable signes at the Suns ingresse, and both the Lunations, we may probably conjecture, that the actions of this year will be various & fickle and were it not that Venus is angular, both at the conjunction-preventionall, and at the Suns ingresse, I should think that the actions of the whole year would be fluctuous & turbulent. At the Suns ingresse Saturn is in the Cusps of the 2 house in Gemini, threatning London, and divers other Places, with many kinde of diseases and infirmities comming of a cold and dry nature; Hominibus quoq; juvenibus per intemperantiam cibi, ac potus, malum conciliat, inducit morbos, qui ex inflammatione epatis & corruptione sanguinis nascuntur, ut ♂ in quarta horæ ♂ ☉ ☾ præventionalis etiam denunciat. And because at the hour of the Revolution, Mars is unhappily collocated in the 8 house, he hath signification of sudden deaths, and grievous mortality, according to the nature of the signe whereon he is seated. Its the opinion of a learned Authour in this Science, that Cum fuerit Mars in octava significat acquisitionem ex substantiis mortuorum in aliquibus hominibus, & fiat jus acquirentibus eas, illa de causa, & perdent, eas post acquisitionem earum, & cadent in paupertatem atque indigentiam, & significat interfectionem

atque

atque mutilationem seu perditionem membrorum, manuum scilicet atque pedum, & cadent in opprobrium atque vituperium valde turpe atque reprehensibile. Bonatus part. 4 cap. 95. That is, when Mars shall be in the 8. house, it portends that men shall trek to entice themselves with the goods of dead men, and justice shall be done upon them, and for that very cause they shall want them after they have gotten them, and fall into poverty and want, it portends also slaughter and maimednesse and losse of Members, namely of the hands and feet, and they shall fall into reproach, and very filthy and reprehensible disgrace.

Another saith, Si fuerit Mars maleficus & infortunatus denunciat damnum militibus, ac tenericibus limices, & dantibus se armis, & illis, qui facient ea, & orientur in terra, terrores & labores, paupertates, & bella, & maxime apparebunt Significationes Martis in Climatibus & terris, quæ sunt in partitione ipsius. viz. If Mars shall be infortunate and evill disposed he pretages damnage to Souldiers, and to them that hold the borders, and that give themselves to martiall affaires, and thole who make Armes; and there shall arise in the Land troubles and feares, poverty and wars, and the things be significes will appeare in these Climates and Places, which are under his division. England (I hope) is not hereby much concerned, because ♂ is not in Aries; the aforesaid thereof, but in Leo, so that these matters shall appeare principally in those kingdomes and places under the Regiment thereof, yet I too much doubt we shall heare of some martiall accidents, and many matlike Stratagems acted not far off, which will amaze divers, for certaine it is (if Astrology be true) something of that nature (more then ordinary) may be gathered, not onely ex Schema anni hujus, but partly from the Figure of the Suns eclipse in October, & the full Moone eclipse succeeding it. Magni & periculosi tumultus variis in locis excitabuntur. The Turkes loose and fall short in most of their enterprises, their Emperour is threatned, and his life is in danger; Experus sum enim (inquit Leovitius) cum eclipsis aliqua, potissimum solis in Scorpione facta est, Turcicum tunc imperium in diversæ constitutum fuisse, ac cladem in signem accepisse. For I have found, (saith Leovitius) that when an eclipse, especially of the Sun, hath happened in Scorpio, that then the Turkish Empire hath suffered great damnage, and received notable discomfiture.

In the Suns eclipse Mars is sole Dominator, Mars dominium nactus in eclipsi est causa corruptionis ex fervore, adeoque bellorum tumultuum, dissidiorum, morborum biliosorum, pestilentiæ, injuriæ, æstus pestiferi, fulminum, fluctuum, & siccitatis. This is to say, Mars having got the dominion in the eclipse, is by his fervour the cause of corruption, and also of wars, tumults, dissentions, collerick diseases, violence, injury, pestiferous heate, tempest, lightning

and

and diuerſe. And I verily thinke the eclipſe of the Sun, and the other lunar eclipſes, with other notable Conjunctions and Aſpects of the Planets happning this yeare, denote ſome grand accidents to enſue this Revolation, yet as the eclipſe is greater or leſſer, ſo is the effects, for ſo Meſahalah ſaith in his booke, de Aſpectibus eclipſium, cap. 7. Scivo quod in eclipſi ſolis non poteſt fieri, quin ſignificetur magnum aliquod accidens, ſed tamen ſecundum quantitatem ipſius eclipſis. And Ptolomy the Father of Aſtrologers tells us, that Parva eclipſis parum nocet, & in pauca operatur, mediocris in multa, & majorem habet efficaciam, maxima, vero & maxime, & in pleraque ſuam efficaciam diffundit. Hæc Ptol. lib. 2. cap. 7. Apoteleſmatum. But the Aſtrologers ſay, thoſe men, (be they Kings, Princes, Nobles, or Peaſants) borne under the 2 Quadrangle ſhall eſpecially feele the effects thereof. Quibus igitur hominibus in Nativitate vel Revolutione 23. grad. ♏ ♈ ♌ aut ♒ ad locum Horoſcopi Solis, Lunæ, Medii Cœli, partis fortunæ, reliquarumque planetarum exacte vel absque interſticio quinque gradum ceciderit, ii potiſſimum antedictis malis prementur. Proclus ſaith, when an eclipſe of the Moon happens in the firſt 10. degrees of Sagitary (as the firſt great eclipſe of the Moone doth) it preſignifies Theeks, Robberies, &c. If it fall out in the laſt Decade of Taurus (as the ſecond great eclipſe of the Moone happeneth) it poureth fourth its digout & fury upon Serpents, Vermine, and Creeping things, and the ſame Author affirmeth that, Quum acciderit eclipſis alterutrius ☉ & ☽ in 6 9. ♏ vel ♓ (The Suns eclipſe is in ♍) obſcuræ turbæ, ignobiliſque plebeculæ interitus, diuturnæ bellorum ſeditiones, & aquatilium marinorumque & aliorum in æquore degentium magna pernicies. This is, when an eclipſe either of the Sun, or Moon happeneth in 6 9, ♏, or ♓, it ſignifies the death of the common people, continuall motions to war and great deſtruction of Fiſhes, as well of the freſh water, as of the Sea. Againe, Sol cum laborare viſus fuerit in ♏ mediis grad. Regis cujuſpiam perniciem oſtendit, adverſum exercitus animum, & ſimilia. When the Sun ſhall ſuffer eclipſe in the ſecond Decade of ♏, it ſhewes the deſtruction of ſome King againſt the minde of his Army, and the like.

Now if we diligently weigh & conſider the portents of theſe eclipſes (and that of the Moone in November 1648. now in force) with other great conjunctions & configurations of the ſuperne and luminous bodies this year, and confer them with the foure Cardinall Schemes of this Revolution, we cannot in generall or particular finde our ſelves altogether exempt from their influence, but muſt in ſome meaſure participate of the effects, eſpecially becauſe ſo many eclipſes this year are Supratorranean, yet I dare affirme by the Rules of Aſtrology, that ſome benigne & fortunate events may befall amongſt us, and in Ireland;

that

that Kingdome may ere long recover its former peace and felicity, and those inhumane cruell, and bloody Cut-throats, and Massacring Rebels, that have destroyed so many thousands of good Protestants must in fine have their reward. A poor, desolate, and small people will they be within a few years, but let us returne and leave those Caterpillers, and come to see what Luna signifies, who hath some share in this Revolution, and is Coalumnen of the first eclipse of the Moon, In the Heavens figure she is in the 6 house Denotans quod populus Separabitur illo anno à vitiis corporis, & vivet religiosè, magis quàm consueverat, & dixit Albumasar Significat rixam & contentionem ex parte patrum, & lucrum ex quadrupedibus, & sanitatem corporis. When the Moon is in the 6. house it shewes that the people that year shall forsake their bodily vices, and shall live more strictly then wont, and Albumasar saith, that it betokeneth strife and contention on the part of Fathers, gaine and profit from fourr-footed beasts, and soundnesse of the body, if Saturne in the 6 (in domo ægritudinis) worke not the contrary effect. Præterea si fuerit Mercurius in tertia (as now he is in figura mundi) diligent homines Sapientiæ legis & perent ac ratiocinabuntur eas, & disputabunt de lege, & ejus scientiis If ☿ shall be in the 3 house Men shall love the knowledge of the Law, & shall seeke it, and shall reason and dispute of the Law, and the Sciences thereof; as Haly saith, lib. 8. cap. 2. de judiciis Astrorum.

I have now no more to say but this, That tis my earnest desire that this sick and languishing Kingdom may return & enjoy her former peace and tranquility, but I much doubt it, the whole land is so froward and prophane even Cap à pe, though I foresee by the Posture of the Heavens, no great evils threatned to it, absolutely if our sins do not hinder, and cause further judgments to tumble upon our heads, wee may now expect a good and happy issue of our long continuing troubles and intestine differences. Quod faxit Deus, but if no amendment, desolation will follow; Quod avertat Deus. We all know too well, yea we finde by woefull experience, the sad and direfull events that succeeded the Eclipse of the Sun, Anno 1639 (with other Lunar ones since) which happened in the 8 house, in ♎, our City signe (a signe, &c) where Mars was predominate, as now he is, Nescio quo fato fiat, ut tot Eclipses in 8. domum incidant. I pray God nothing of like nature ensue this, I am sure if we look no farther, but upon the confluence and ugly nature of sin, which never so universally reigned, as in these our dayes, we may justly fear Gods anger is still against us; how many warnings hath he given us of late, time after time? First, he sent his lesser judgements amongst us, and then his Sword, which hath eaten fl, sh and drunke blood in abundance, yea we all know it hath swept away even many thousands soules, and yet we see none truly

truly amends, nor condoles our unhappy differences, but still covet for the things that perish, O therefore, that now at the last after these our long continuing troubles, and domestick dissentions, there might be concord and agreement in Religion, and mutuall love, and good neighbour-hood amongst us; Sed ita comparatum est, ut zizania cum tritico usque ad diem Messis crescant. Doth not pride, covetousnesse, envy, malice, swearing, whoring, prodigality, lack of charity, & prophanation of the Lords day superabound? yea, doth not all kind of Sects and Schismes more abound then ever? When was the world so wickedly vaine, and so vainely wicked as now adayes? Doth not with all the contempt of good learning, good lawes, good Magistrates, & good government, rise, doth not the contempt of good Religion, good Priests, good Charity, and all goodnesse, argue and impose Destruction and Misery to ensue? Quare etiam atque etiam cavendum nobis est, ne contumaciter, & obstinatè in peccatis persistendo iram Dei, cordis nostri duritie provocemus, quam jam accensam, & multis flagellis in perniciem nostrum (si maturè resipiscimus) armatam conspicimus, omnique opera & studio eximendum, ut vera pœnitentia, seriaque vitæ emendatione, quamprimum ei reconciliemur, penasque acerbissimas jamjam imminentes à cervicibus nostris depellamus. In a word: let us all from the highest to the lowest cloath our selves, in sackcloath and ashes, and repent with Ninevie, and turne unto the Lord in all humility and humble obedience, least we be destroyed with Sodome and Gomorrah, and let us amend and feare the Lord, that when the Bridegroome shall come, we may (like the five wise Virgins) have Oyle in our Lampes, and be found watching; Amen.

What though the Heavens, and Heavenly lights this yeare
Do threat our Nation, and whole Hemisphere;
Tis God alone, that can avert their ire,
And can confound what ere our foes conspire.
Lets now therefore, abandon sinne and vice,
And hate all vile; and filthy avarice;
Then sure the evils the Starres to us presage
Shall turned be, and then O happy age.
But if that yet we will not warned be,
Nor now at last repent with Ninevie
But still persist in all our sinfull wayes,
We must then see but few more peacefull dayes.

Optanda quidem optima; exposcanda decretorum: ferenda quæcunque erunt.

Astra

Astra movere Deus, tollere & astra potest.
Deus enim est qui omnia gubernat; die ac nocte
verbum & opera Jehovæ meditabor.

Friendly Reader, Be pleased to take notice that many of you were abused the last Yeare, with an Almanack, that came abroad under the name of *Wing*, which was not mine, but was quite different from my manner and forme of writing, being printed by some cunning-cheates, who prefer their owne private interests before the publique good, therefore I thought good to let you know thus much, that if such abuse be againe committed you may the better evade it, and discover the true copy from the false. *Vale.*

Memorandum. That the Art of Surveighing of Landships, Lands, Inclosure, and the like, is practised by this Authour, therefore this is to certifie my loving Countreymen in the adjacent Countries, that if they, or any of them please to make use of the Authour they shall finde him at North-Luffenham in Rutland willing and ready to pleasure them, and to performe as much as therein is requisite; And this the Authour thought good to let you understand, in regard there are some simple Practitioners at this day, who out of ignorance do oftentimes commit many grosse and palpable absurdities, insomuch that divers honest men, are many times wronged, and the Art scandalized, to the discredit of better handled Artists.

Make triall and then censure accordingly.

Utere quando placet, corrige quando licet.

Postscript.

THe Book whereof I gave a hint in the Prognostication of my last yeares Almanack is now finished by me and M. *William Leybourne*, and printed in Octavo, under the Title of *Vrania Practica*; or, *Practicall Astronomie*, for that it shews how to calculate & resolve most of the chiefest Problemies in Astronomie, after a new, easie, and most accurate manner, insomuch that the meanest capacity (in very short time) may bring their propense desires to a period of maturity, and may by their owne industry (without the helpe of any) performe that which before might seeme to be far without the Perimeter of their apprehensions. But my 3 sheetes being already full, I cannot give you the particular contents of it, though happily it may be done by my judicious friend M. *William Leybourne*, on the backside of his Almanack for this present yeare, but I refer you to the Booke it selfe, which as it is of small price, so (to my knowledge) was there never one of that nature extant before in the English-Tongue; So leaving it to your Serious consideration, I rest *Yours more then you expect.* VIN. WING.

From *North-Luffenham* in *Rutland* April. 30. 1648.

Soli Deo omnipotenti sit honor & gloria.

FINIS.